

NAVY TACTICAL REFERENCE PUBLICATION

**NAVY SUPPLEMENT TO
THE DOD DICTIONARY OF
MILITARY AND
ASSOCIATED TERMS**

NTRP 1-02

EDITION JUN 2012

UNCLASSIFIED

DEPARTMENT OF THE NAVY OFFICE OF THE CHIEF OF NAVAL OPERATIONS

DISTRIBUTION RESTRICTION: APPROVED FOR PUBLIC RELEASE; DISTRIBUTION IS UNLIMITED.

PRIMARY REVIEW AUTHORITY: COMMANDER, NAVY WARFARE DEVELOPMENT COMMAND

STOCK NUMBER: 0411LP1090273

Report Documentation Page			Form Approved OMB No. 0704-0188		
Public reporting burden for the collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to a penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number.					
1. REPORT DATE 2012	2. REPORT TYPE		3. DATES COVERED 00-00-2012 to 00-00-2012		
4. TITLE AND SUBTITLE Navy Supplement To The DOD Dictionary Of Military And Associated Terms NTRP 1-02			5a. CONTRACT NUMBER		
			5b. GRANT NUMBER		
			5c. PROGRAM ELEMENT NUMBER		
6. AUTHOR(S)			5d. PROJECT NUMBER		
			5e. TASK NUMBER		
			5f. WORK UNIT NUMBER		
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) Department of the Navy Office of the ,Chief of Naval Operations, Room: 4E662,2000 Navy Pentagon,Washington,DC,20350			8. PERFORMING ORGANIZATION REPORT NUMBER		
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)			10. SPONSOR/MONITOR'S ACRONYM(S)		
			11. SPONSOR/MONITOR'S REPORT NUMBER(S)		
12. DISTRIBUTION/AVAILABILITY STATEMENT Approved for public release; distribution unlimited					
13. SUPPLEMENTARY NOTES					
14. ABSTRACT NTRP 1-02, Navy Supplement to the DOD Dictionary of Military and Associated Terms, establishes and standardizes the professional language of the U.S. Navy by defining the terminology, acronyms, and abbreviations used in Navy Warfare Library (NWL) publications. NTRP 1-02 supplements Joint Publication 1-02 (JP 1-02), Department of Defense Dictionary of Military and Associated Terms. The terminology established by NTRP 1-02 shall be used without alteration unless a distinctly different connotation is intended. For guidance in preparing glossaries and lists of acronyms and abbreviations for NWL publications, consult NTTP 1-01, The Navy Warfare Library.					
15. SUBJECT TERMS					
16. SECURITY CLASSIFICATION OF:			17. LIMITATION OF ABSTRACT Same as Report (SAR)	18. NUMBER OF PAGES 420	19a. NAME OF RESPONSIBLE PERSON
a. REPORT unclassified	b. ABSTRACT unclassified	c. THIS PAGE unclassified			

INTENTIONALLY BLANK

**DEPARTMENT OF THE NAVY**

NAVY WARFARE DEVELOPMENT COMMAND
1530 GILBERT STREET, SUITE 2128
NORFOLK, VA 23511

April 2009

LETTER OF PROMULGATION

1. NTRP 1-02, NAVY SUPPLEMENT TO THE DOD DICTIONARY OF MILITARY AND ASSOCIATED TERMS, is UNCLASSIFIED.
2. Effective immediately, the authoritative source of Navy terminology is the online terminology database, which is accessible on the Navy Doctrine Library System website. It supersedes NTRP 1-02 (AUG 2006). Destroy superseded material without report.
3. The NTRP 1-02 database is updated monthly. A print version is periodically provided to facilitate terminology work offline and is dated to indicate the date on which it was prepared.
4. NTRP 1-02 is approved for public release; distribution is unlimited.

A handwritten signature in black ink, appearing to read "V. R. Olivarez", is positioned above the printed name and title.

V. R. OLIVAREZ
Assistant Chief of Staff, Plans and Policy
Navy Warfare Development Command

INTENTIONALLY BLANK

CONTENTS

	<i>Page</i>
	<i>No.</i>
CHAPTER 1 — INTRODUCTION	1-1
CHAPTER 2 — TERMS AND DEFINITIONS	2-1
CHAPTER 3 — ABBREVIATIONS AND ACRONYMS	3-1

INTENTIONALLY BLANK

PREFACE

NTRP 1-02, Navy Supplement to the DOD Dictionary of Military and Associated Terms, establishes and standardizes the professional language used in the Navy Warfare Library. It applies to users of all Navy Warfare Library publications, and especially to those who develop them and teach from them. Report administrative discrepancies by letter, message, or e-mail to:

COMMANDER
NAVY WARFARE DEVELOPMENT COMMAND
ATTN: N5T
1530 GILBERT STREET, SUITE 2128
NORFOLK VA 23511
Email NIPRNET: NWDC_NRFK_FLEETPUBS@navy.mil Email SIPRNET:
NWDC_NRFK_FLEETPUBS@navy.smil.mil

WEB-BASED CHANGE RECOMMENDATIONS

Recommended terminology changes may be submitted to the Navy Terminologist via the feedback button accessible at the Navy Doctrine Library System website: (<https://ndls.nwdc.navy.mil/assets/Terminology.aspx>).

INTENTIONALLY BLANK

CHAPTER 1

INTRODUCTION

NTRP 1-02, Navy Supplement to the DOD Dictionary of Military and Associated Terms, establishes and standardizes the professional language of the U.S. Navy by defining the terminology, acronyms, and abbreviations used in Navy Warfare Library (NWL) publications. NTRP 1-02 supplements Joint Publication 1-02 (JP 1-02), Department of Defense Dictionary of Military and Associated Terms. The terminology established by NTRP 1-02 shall be used without alteration unless a distinctly different connotation is intended. For guidance in preparing glossaries and lists of acronyms and abbreviations for NWL publications, consult NTP 1-01, The Navy Warfare Library.

Terminology included in NTRP 1-02 is collected from the main text of promulgated Navy publications and widely-used allied publications. Terms that are adequately defined by or that have definitions that can be derived from a standard collegiate dictionary are not included. Terms defined in JP 1-02 are not included in NTRP 1-02 unless Navy usage has a markedly different context or meaning.

Abbreviations and acronyms in NTRP 1-02 reflect standard meanings for those used most commonly in NWL publications. As a general rule, abbreviations defined in standard collegiate dictionaries are not included. Entries do not include prowords, code words, or brevity words.

As changes are approved for NTRP 1-02, they are added to the online database, making the online version more up-to-date than any printed edition. The authoritative version of NTRP 1-02 is the online database in the Navy Warfare Library, accessible on the Navy Doctrine Library System website (<https://ndls.nwdc.navy.mil/assets/Terminology.aspx>). The printable file that is created periodically and added to the website is a database report that facilitates terminology work offline. Both the online and printable versions reflect the idiosyncrasies of databases, including anomalies in alphanumeric sorting.

INTENTIONALLY BLANK

CHAPTER 2

TERMS AND DEFINITIONS

360-degree security. Combining maximum all-around visibility for situational awareness, interlocking sectors of fire, and mutual support.

abeam replenishment. (NATO) The transfer at sea of personnel and/or supplies by rigs between two or more ships proceeding side by side.

absorption. The conversion of sound energy into another form of energy, usually heat, when it passes through an acoustical medium.

acceptable strike impact perimeter (ASIP). A boundary determined (on imagery and/or grid reference numbers relating to other intelligence products) by the tasking agency that identifies the acceptable weapon strike impact perimeter. Weapons impacting in this zone should cause no unacceptable collateral damage.

access. In communications, the ability, permission, or liberty to communicate with, or make use of, any system resource.

access control. Coast Guard control of access to and movement within certain areas under its jurisdiction when safety, security, or other national interests dictate accordance with statutory requirements and authority.

accidental attack. An unintended attack that occurs without deliberate national design as a direct result of a random event, such as a mechanical failure, a simple human error, or an unauthorized action by a subordinate.

accompaniment. A system whereby merchant ships due to transit a shipping risk area are gathered together and then transit the area, or that part of it which is considered particularly dangerous, in company with a warship or warships but without formal convoy organization.

acknowledgment. A message from the addressee indicating that information has been received without error.

acoustic advantage. A situation that exists when the probability of own ship's gaining initial detection is greater than that of an opposing threat, expressed in terms of percentage of probability of first detection.

acoustic circuit. A mine circuit that responds to the acoustic field of a target.

acoustic countermeasures (ACM). (NATO) That division of acoustic warfare involving actions taken to prevent or reduce an enemy's effective use of the underwater acoustic spectrum. ACM involve intentional underwater acoustic emissions for deception or jamming.

acoustic disadvantage. A situation that exists when the probability of own ship's gaining initial detection is less than that of an opposing threat, expressed in terms of percentage of probability of first detection.

acoustic mine. A mine with an acoustic circuit which responds to the acoustic field of a ship or sweep.

acoustic protective measures (APM). (NATO) That division of acoustic warfare involving actions taken to ensure friendly effective use of the underwater acoustic spectrum, despite the enemy's use of acoustic energy. APM involve anti-acoustic warfare support measures and anti-acoustic countermeasures, and may not involve underwater acoustic emissions.

acoustic screen. A blanket of air bubbles that entraps backscattered sound energy.

acoustic signature. 1. The graphic noise output characteristic identified with a specific noise source (e.g., the noise output of a particular class of submarine). 2. In mine warfare, the characteristic pattern of the target's acoustic influence as detected by the mine.

acquisition. 1. The process of locating a target with a search radar so that a tracking radar can take over and begin tracking the target. (MCRP 5-12C) 2. The condition for which the torpedo homing control logic has satisfied all criteria for the commencement of homing. (NTRP 1-02) 3. A necessary preliminary condition of a receiver, by which frequency and phase ambiguities of an incoming radio frequency carrier are sufficiently resolved to allow information modulated onto the carrier to be properly demodulated. (NTRP 1-02)

acquisition program. A directed, funded effort that is designed to provide a new or improved materiel capability in response to a validated need.

action. (NATO) The employment of one or more weapon systems to counter a threat.

activated. A demolition charge or a landmine that has been set for booby-trap action with a fuze or firing device.

active electronic countermeasures. The impairment of enemy electronic detection, control, or communications devices/systems through deliberate jamming or deception.

active electronic protective measures (active EPM). (NATO) Detectable measures, such as altering transmitter parameters as necessary, to ensure effective friendly use of the electromagnetic spectrum. Related terms: electronic protective measures; passive electronic protective measures.

active mine countermeasures. (NATO) Countermeasures directed toward the destruction of mines after they have been laid — including minesweeping, mine hunting, and explosive ordnance disposal operations.

active sonar. Method of detecting or tracking underwater or surface vessels by processing the echo of a transmitted signal reflected from the target.

activity manning document (AMD). The qualitative and quantitative expression of manpower (military, civilian, and contractor) and positions allocated to an activity to perform the assigned mission, functions, and tasks or required operational capability/projected operational environment.

actuate. To operate a mine-firing mechanism by an influence or a series of influences in such a way that all the requirements of the mechanism for firing, or for registering a target count, are met.

acute radiation syndrome (ARS). A combination of clinical syndromes occurring in stages, during a period of hours to weeks after exposure, as radiation injury to various tissues and organs is expressed. Also see DOD Dictionary (JP 1-02).

advance. In maneuvering a ship, the distance gained in the direction of the original course when turning. Also see transfer.

advance party. 1. A task organization formed by the Marine air-ground task force commander that consists of personnel designated to form the nucleus of the arrival and assembly organizations. The primary tasks of the advance party are to arrange for the reception of the main body and provide force protection. (MCRP 5-12C) 2. A team that coordinates the convoy's arrival at the destination. It may move with the main body initially but must arrive at the destination sufficiently ahead of the main body. (MCRP 5-12C)

advanced base functional component (ABFC). A grouping of personnel, facilities, equipment, supplies, and materiel designed to perform a specific function or accomplish a mission at an advanced base.

advanced echelon (ADVON). A contingency support team deployed in advance of either the main contingency support element or contingency support group, to coordinate Air Mobility Command requirements at the arrival or departure airfield. The advanced echelon may deploy equipment to establish communications with Air Mobility Command command and control agencies and to establish the airlift operations center prior to the main contingency support element or group. (MCRP 5-12C)

advanced SEAL delivery system (ASDS). A 65-foot-long, one-atmosphere, combat submersible used primarily for the clandestine insertion and extraction of SEALs through a lock-in/lock-out chamber. It is battery-powered and is a long-range/duration platform.

advanced search and rescue staging base. A suitable pre-selected location with the search and rescue mission coordinator near possible search and rescue incidents for staging search and rescue units, and supporting personnel.

advanced traceability and control (ATAC). A closed-loop, transportation hub-and-spoke operation for the collection and consolidation of depot-level repairables that are received from fleet customers and technically screened for repair, stowage, or disposal and then shipped to the appropriate site.

advisory control. A form of air traffic control in which the controlling agency monitors radar and radio contact with aircraft under its control and provides traffic advisories. Traffic separation is the responsibility of the individual pilot, with the assistance provided by the control agency.

aerial port of debarkation (APOD). A station that serves as an authorized port to process and clear aircraft and other traffic for entrance to the country where located.

aerial port of embarkation (APOE). A station that serves as an authorized port to process and clear aircraft and other traffic for departure from the country where located.

aeronautical drift (Da). Drift caused by bailout trajectory or aircraft gliding distance.

aeronautical position. Initial position of a distressed aircraft or space craft at the time of re-entry, engine failure, aircrew ejection, or bailout.

aerosol. A liquid or solid composed of finely divided particles suspended in a gaseous medium. Examples of common aerosols are mist, fog, and smoke.

afloat planning system (APS). A Tomahawk mission planning and distribution site installed onboard selected aircraft carriers. It consists of ruggedized versions of the Tomahawk planning system, mission distribution system,

and digital imagery workstation.

afternoon effect. The solar heating of the surface water that causes shallow negative temperature gradients. This results in downward refraction of sound rays and reduced surface duct ranges.

agent. In Navy logistics, an individual acting under a formal letter of appointment from the disbursing officer who may perform any duty (other than signing checks or the Statement of Accountability and other documents attesting to the disbursing officer's accountability) relating to public funds in the name of and for the account of the disbursing officer. These duties usually consist of making cash payments and collections, performing check-cashing services, and preparing financial documents. Also see DOD Dictionary (JP 1-02).

aggressor vessel. In harbor defense, any vessel that manifests a hostile intent against persons, facilities, or the marine environment located within the harbor defense commander's area of operations. This definition may fit any vessel regardless of the country of registry, ownership, charter, or crew makeup.

air and missile defense commander (AMDC). In the composite warfare commander concept, the officer assigned some or all of the officer in tactical command's detailed responsibilities for defensive counterair and granted the tactical control authority to accomplish the assigned missions and tasks.

air cargo company. A Navy unit tasked with establishing and operating an overseas air cargo terminal in an expeditionary environment.

air controller. (NATO) An individual especially trained for and assigned the duty of the control (by use of radio, radar, or other means) of such aircraft as may be allotted to him for operation within his area. Related terms: air control; tactical air controller.

Air Force Special Operations Command (AFSOC). The Air Force service component of the United States Special Operations Command.

air resource element coordinator (AREC). In the composite warfare commander concept, the officer assigned some or all of the officer in tactical command's detailed responsibilities for management and coordination of fixed-wing air and carrier-based helicopter assets.

air search attack unit (ASAU). A search attack unit composed of one or more aircraft.

air support. All forms of support given by air forces on land or sea.

air support control section (ASCS) (USMC). One of five sections of the tactical air command center; its primary responsibility is the operational control and coordination of all fixed-wing aircraft assigned to troop support missions.

air surface action group (ASAG). (NATO) A unit comprised of two or more aircraft of the same type assigned to counter a particular surface threat (when only helicopters are used, it is known as a HAG).

air traffic control and landing system (ATCALS). Department of Defense facilities, personnel, and equipment (fixed, mobile, and seaborne) with associated avionics to provide safe, orderly, and expeditious aerospace vehicle movements worldwide.

air traffic control center (ATCC). A unit combining the functions of an area control center and a flight information center. See also area control center; flight information region.

air traffic control facility. Any of the component airspace control facilities primarily responsible for providing air traffic control services and, as required, limited tactical control services.

air traffic control service. A service provided for the purpose of: a. preventing collisions: (1) between aircraft; and (2) on the maneuvering area between aircraft and obstructions; and b. expediting and maintaining an orderly flow of air traffic.

air-to-air refueling towline (AAR towline). (NATO) The line along which a tanker aircraft will be stationed for the purpose of refueling combat aircraft.

airborne alert interdiction (XINT). A type of interdiction mission characterized by the employment of air-to-ground aircraft from an airborne alert status against emerging or time-critical targets as directed by the appropriate command and control node or agency. Also see interdiction and air interdiction in DOD Dictionary (JP 1-02).

airborne radio relay. Airborne equipment used to relay radio transmission from selected originating transmitters.

airborne stores. Tanks (fuel and spray), pods (refueling, photo, ECM, and so forth), nonexpendable training weapons, targets, and all similar items intended for carriage internally or externally by aircraft, including the racks, launchers, adapters, and detachable pylons used for such carriage. This definition applies to items that are not normally separated from the aircraft in flight.

airburst. An explosion of a bomb or projectile above the surface as distinguished from an explosion on contact with the surface or after penetration.

aircraft commander (AC). The aircrew member designated by competent authority as being in command of an aircraft and responsible for its safe operation and accomplishment of the assigned mission.

aircraft control unit (ACU). A unit exercising tactical control of an aircraft, or a unit with facilities and controllers for conducting aircraft control, usually titled according to the mission or type of aircraft being controlled. Also known as air control unit.

aircraft coordinator (ACO). A person or team who coordinates the involvement of multiple aircraft in search and rescue operations in support of the search and rescue mission coordinator and on-scene coordinator.

aircraft intermediate maintenance department (AIMD). The department responsible for the check, test, repair, or manufacture of aeronautical components and support equipment for the supported aircraft.

aircraft section. (NATO) The basic air tactical unit consisting of two aircraft of the same type.

aircraft squadron. (NATO) An administrative or tactical organization normally but not necessarily composed of aircraft of the same type.

airlift clearance authority (CAC). A military service activity that controls the movement of cargo (including personal property) into the airlift system under the provisions of DOD 4500.9-R, Defense Transportation Regulation.

airspace deconfliction. In Tomahawk missile operations, measures and procedures established to prevent or resolve aerial interference among different activities, including tactical air, in a common operating area.

airspace restrictions. Special restrictive measures applied to segments of airspace of defined dimensions.

airspeed (A/S). The speed of an aircraft relative to its surrounding air mass. The unqualified term "airspeed" can mean any one of the following: a. calibrated airspeed--indicated airspeed corrected for instrument installation error, b. equivalent airspeed--calibrated airspeed corrected for compressibility error, c. indicated airspeed--the airspeed shown by an airspeed indicator, d. true airspeed--equivalent airspeed corrected for error due to air density (altitude and temperature).

airway. (NATO) A control area or portion thereof established in the form of a corridor marked with radio navigational aids.

alert. Report of an apparent distress routed to the search and rescue system.

alert notice (ALNOT). An alerting message used for U.S. domestic flights. Corresponds to the declaration of the alert phase.

alert phase. A situation wherein apprehension exists as to the safety of an aircraft or marine vessel and of the persons on board.

alert state. The maximum time in minutes required to bring an aircraft or weapons system (or part of it) to immediate availability.

alerting post. Any facility intended to serve as an intermediary between a person reporting an emergency and a rescue coordination center or rescue subcenter.

alien migrant interdiction operations (AMIO). Civil or military actions taken to prevent alien migrants from illegally entering the United States.

alignment. The preparation of the inertial navigation system in a Tomahawk land-attack missile for independent flight. The Tomahawk land-attack missile inertial navigation system is calibrated and corrected to match the shipboard inertial navigation system navigational track.

all-up round (AUR). A Tomahawk missile ready for deployment to the fleet, including the missile and booster encased in the capsule or canister that serves as a launch tube, and a container for transportation, stowage, and loading.

allotment. A definite portion of pay and allowances that is authorized to be paid to a qualified allottee. Also see DOD Dictionary (JP 1-02).

alongside replenishment. The transfer at sea of personnel and/or supplies by rigs between two or more ships proceeding side by side.

alternate aimpoint. A command that may be planned into a Tomahawk mission as a measure to lower the risk of collateral damage if the accuracy of the missile's navigational solution is below the level of confidence required for the mission.

alternate strike controller (ASC). The assigned capability of submitting in-flight missile modification messages to a group or single missile via missile distribution system, similar to the strike controller.

altitude. Indicates vertical position with respect to the observer's perceived horizontal reference plane. The following terms are used to indicate altitudes relative to the observer: 1. High. Above the observer's level reference plane. 2. Level. At the same altitude as the observer. 3. Low. Below the observer's level reference plane. Also see DOD

Dictionary (JP 1-02).

ambient noise (AN). 1. The composite of sounds, from near and far, present at a given spot in the ocean (excluding self-noise). Ambient noise is produced by such things as near and far shipping and wind waves (sea state). 2. Noise in the sea due to biologics, shipping, ice motion, precipitation, and sea surface agitation caused by winds and terrestrial movements. Self-noise and reverberation are not considered ambient noise.

ambient-limited speed (ALS). For a ship or submarine platform, the slowest recommended search speed. At this speed or slower, acoustic detection ranges are limited by the ambient noise in the environment and not by the platform's self-noise. (This occurs at the speed where self-noise = ambient noise - 6 dB.) Also see break-point speed.

ammunition condition code (C/C). A single, alphabetic character that classifies ammunition as to readiness for issue and use, or identifies actions required to change status of the ammunition. Ammunition condition codes are complemented and supplemented by ammunition defect codes.

ammunition defect code (D/C). Six-digit, alphanumeric code that complements and/or supplements ammunition condition codes by identifying specific reasons for condition code assignment and/or identifying specific defects or conditions.

amphibious ready group (ARG). A Navy task organization formed to conduct amphibious operations.

anchor. In naval mine warfare, a heavy weight that sinks to the bottom; used as a mooring base for a buoyant mine.

anechoic coating. A hull coating that absorbs sound. This coating reduces the amount of internally generated noise reaching the water and also reduces the active sonar reflectivity of the hull.

angle of climb or dive. The vertical angle between the horizontal and the direction of motion of a target measured in degrees at the target.

antenna mine. In naval mine warfare, a contact mine fitted with antennae which, when touched by a steel ship, sets up galvanic action to fire the mine.

antiair warfare area. (NATO) An area prescribed by the officer in tactical command which is kept under constant surveillance and within which any air threat is opposed.

antiair warfare axis. (NATO) A reference line extending from force center (ZZ) in the direction of a probable air threat (or North, when the direction of the threat is indeterminate).

antirecovery device. In naval mine warfare, any device in a mine designed to prevent an enemy discovering details of the working of the mine mechanism.

antisubmarine warfare (ASW). That segment of naval warfare that involves sensors, weapons, platforms, and targets in the subsurface environment. Also see DOD Dictionary (JP 1-02).

antisubmarine warfare commander (ASWC). In the composite warfare commander concept, the officer assigned some or all of the officer in tactical command's detailed responsibilities for antisubmarine warfare and granted the tactical control authority to accomplish the assigned missions and tasks.

antisubmarine warfare free area (ASWFA). A waterspace management area in which no friendly submarines are operating and no restrictions exist on the use of antisubmarine weapons.

antisubmarine warfare-free area. A waterspace management area in which no friendly submarines are operating and there are no restrictions on the use of antisubmarine weapons.

antisurface ship missile (ASSM). (NATO) Any missile (air-to-surface missile, surface-to-air missile in the surface-to-surface mode, surface-to-surface missile, underwater-to-surface missile) used in the role of attacking surface units.

antisweep device. Any device incorporated in the mooring of a mine or obstructor, or in the mine circuits to make the sweeping of the mine more difficult.

antisweeper mine. A mine which is laid or whose mechanism is designed or adjusted with the specific object of damaging mine countermeasures vessels.

antiterrorism officer (ATO). The point of contact directly responsible to the commanding officer for all matters dealing with antiterrorism and force protection. Formerly force protection officer.

antiterrorism plan. A plan that documents the specific measures taken to establish and maintain an antiterrorism/force protection program, ensuring readiness against terrorist attacks.

antiwatching device. A device fitted in a moored mine that causes it to sink if the mine shows on the surface, to prevent the position of the mine or minefield being disclosed.

apportioned forces. The forces available for planning in the Joint Strategic Planning System process. Apportioned by the Chairman of the Joint Chiefs of Staff in the Joint Strategic Capabilities Plan.

approach corridor. (NATO) A safety corridor established for direct return of friendly aircraft through the vital area, including missile engagement zones if necessary.

approach lane. An extension of a boat lane from the line of departure toward the transport area.

approach sector. (NATO) A safety sector more flexible than an approach corridor established for direct return of friendly aircraft through the vital area, including missile engagement zones if necessary, and normally designated in conjunction with the stationing in the sector of a tacan-equipped approach control picket.

area fire. A type of fire delivered in a prescribed area. Generally considered neutralization fire.

area of uncertainty (AOU). The area centered on the most likely contact position at the time of detection in which the contact is believed to be at a specified level of probability. The area of uncertainty is usually an ellipse and is sized to reflect the uncertainty of that position and report.

area religious ministry coordination team (ARMCT). A team designed to identify religious ministry requirements in a geographic area and to develop strategies to enhance mission efficiency and effectiveness. The team expands the command religious program to encompass commands without assigned religious ministry teams to ensure that religious ministry tasks and activities are planned, programmed, budgeted, and implemented to meet the identified religious ministry requirements of the geographical area.

armed. A fuze or a firing device that has been made ready for activation through a specific series of procedural steps. When arming has taken place, detonator safety and the effects of any safety switches or safety pins have been removed.

armed helicopter escort. A helicopter armed for suppressive fire and flown in support of transport helicopters, utility helicopters, motorized or troop convoys, and other missions to which they may be assigned.

armed mine. A mine from which all safety devices have been withdrawn and, after laying, all automatic safety features and/or arming delay devices have operated. Such a mine is ready to be actuated after receipt of a target signal, influence, or contact.

armed sweep. A sweep fitted with cutters or other devices to increase its ability to cut mine moorings.

arming delay device. A device fitted in a mine to prevent it from being actuated for a preset time after laying.

arming device. A safety mechanism that interrupts the primary explosive firing train until a unique combination of environments is satisfied.

Army Air Defense Command Post. The tactical headquarters of an Army air defense commander.

Army special operations task force (ARSOTF). A temporary or semi-permanent grouping of Army special operations forces units under one commander formed to carry out specific operations or a continuing mission. (FM 1-02)

array. A group of two or more hydrophones, the outputs of which are processed to provide the direction of arrival of a signal and a change in the signal-to-noise ratio.

array gain. The ratio of the signal-to-noise ratio at the output of a beam-formed array of hydrophones to the signal-to-noise ratio at the output of one of the hydrophones in the array.

arrival and assembly area (AAA). An area identified by the designated commander in coordination with the unified commander and host nation for arrival, offload, and assembly of forces and equipment and supplies and preparations for subsequent operations. The arrival and assembly area is administrative in nature and does not denote command of a geographic area. Such an area may be inside an amphibious objective area. Within the arrival and assembly area, coordination authority for the following is implied for the designated commander: prioritization and use of airfield, port, and beach facilities and road networks; air traffic control; and logistic support activities. (MCRP 5-12C)

arrival and assembly operations element (AAOE). A command and control agency in each Marine air-ground task force element and the Navy support element that coordinates the logistic functions of the offload of maritime pre-positioning equipment and supplies and the arrival and assembly of forces in the unit assembly area. (MCRP 5-12C)

arrival and assembly operations group (AAOG). A staff agency composed of the Marine air-ground task force personnel and a liaison from the Navy support element, to control the arrival and assembly operations. (MCRP 5-12C)

aspect. The angle between the fore-and-aft axis of a target and the line of sight, measured from the target heading to starboard or port. May be expressed in general terms, e.g., bow, broad bow, beam, quarter, and stern. Also see target angle.

assessment team. A group of airmen who conduct airfield assessments to determine feasibility and usability. Lead element for airfield opening forces.

assigned forces. Those forces and resources that have been placed under the combatant command (command authority) of a unified commander in the Forces for Unified Commands Memorandum. Forces and resources so assigned are available for normal peacetime operations of that command.

assistance entry. Entry of search and rescue facilities into or over foreign territorial seas to assist persons in distress.

associated support (AS). (NATO) In naval usage, operations in which a designated unit operates independently of a specified force or group, but is tasked to provide contact information to, receive intelligence from and, if authorized, to cooperate and coordinate operations with the supported force. Tactical control of the unit remains with the assigning authority who coordinates tasking and movement of the unit in response to the requirements of the supported force commander. Related term: direct support.

attack carrier air wing. (NATO) Two or more aircraft squadrons formed under one command for administration and tactical control of operations from a carrier.

attenuation. In underwater acoustics, the reduction in sound intensity (dB/kyd) caused by the absorption and scattering of sound in water. Also see DOD Dictionary (JP 1-02).

attrition. The reduction of the effectiveness of a force caused by loss of personnel and materiel.

attrition minefield. In naval mine warfare, a field intended primarily to cause damage to enemy ships. See also minefield.

augmentation operation. An operation in which the Marine air-ground task force commander's immediate superior is a Marine expeditionary force, Service component, functional component, or task force (naval, amphibious, etc.) commander. (MCRP 5-12C)

austere environment. An operational environment with the following characteristics: little or no host-nation support; limited preexisting infrastructure and facilities; immature ports of debarkation; inadequate transportation and communications networks; unsophisticated medical, supply, and other services. It is a particularly difficult environment for conducting operations of expeditionary joint forces.

austere port. A seaport that includes characteristics of degraded and minor ports and has one or more of the following limitations: loading/discharge capability; cargo handling; pier, quay, or berth facilities (length and/or water depth); and access.

authority. (NATO) The person vested with the power to make decisions and issue orders; also, the individual power to make decisions and issue relative orders imposing those decisions — such power may be limited in scope, time, and location. Authority automatically confers the responsibility to carry out assigned tasks and report results to the assigning authority.

auto ready spare (ARS). A weapon control system feature on surface ships that allows for automatic launch of a ready spare missile if the associated primary missile fails to launch.

automated mutual-assistance vessel rescue system (AMVER). A world-wide ship reporting system for search and rescue.

auxiliary machinery. In acoustic prediction usage, all machinery not directly associated with the main propulsion drive train, especially shipboard machinery that does not vary in rotational speed as the ship changes speed. Examples

include ship service turbo generator, main feed pumps, air compressors, trim drain pumps, etc.

average sea current. A current present in the open sea that is caused by factors other than local winds. Found by using HO 700, Atlas of Surface Currents, pilot charts, and/or local knowledge.

aviation combat element (ACE). The core element of a Marine air-ground task force that is task-organized to conduct aviation operations. The aviation combat element provides all or a portion of the six functions of Marine aviation necessary to accomplish the Marine air-ground task force's mission. These functions are antiair warfare, offensive air support, assault support, electronic warfare, air reconnaissance, and control of aircraft and missiles. The aviation combat element is usually composed of an aviation unit headquarters and various other aviation units or their detachments. It can vary in size from a small aviation detachment of specifically required aircraft to one or more Marine aircraft wings. In a joint or multinational environment, the aviation combat element may contain other Service or multinational forces assigned or attached to the Marine air-ground task force. The aviation combat element itself is not a formal command. (MCRP 5-12C)

aviation life support equipment (ALSE). Equipment designed to sustain aircrew members and passengers throughout the flight environment, optimizing their mission effectiveness and affording a means of safe and reliable escape, descent, survival, and recovery in emergency situations.

avoidance. In mine warfare, the deliberate act of maneuvering around a mine or minefield once it has been localized.

axis. (NATO) A reference line originating at formation or disposition center used for stationing units or formations respectively.

background noise. In underwater acoustics, all unwanted sounds, other than reverberation, received by a hydrophone, including ambient and self-made noise.

backscatter. That part of the energy radiated by an active system (electromagnetic or acoustic) that is scattered in the direction of a receiver at an angle of greater than 90 degrees relative to the direction of radiation from the source.

baffle. An acoustic shielding structure or partition that increases the transmission loss between two points. The baffle region refers to an acoustically blind area behind own ship created by the physical relationship between the array and the ship hull.

ballistic density. A representation of the atmospheric density actually encountered by a projectile in flight, expressed as a percentage of density according to the standard atmosphere. Thus, if the actual density distribution produced the same effect upon a projectile as the standard density distribution, the ballistic density would be 100 percent.

ballistic missile defense (BMD). All active and passive measures designed to detect, identify, track, and defeat attacking ballistic missiles (and entities), in both strategic and theater tactical roles, during any portion of their flight trajectory (boost, post-boost, midcourse, or terminal) or to nullify or reduce the effectiveness of such attack.

ballistic missile defense commander (BMDC). In the composite warfare commander concept, the officer assigned some or all of the officer in tactical command's detailed responsibilities for the defense of the force and designated areas ashore against ballistic missile threats and granted the tactical control authority to accomplish the assigned missions and tasks.

band level. The level of signal strength plus noise in a specified frequency band.

barricade. A structure composed essentially of concrete, earth, metal, or wood, or any combination thereof, and so constructed as to reduce or confine the blast effect and fragmentation of an explosion.

barrier line. (NATO) The line formed by a series of static devices or mobile units arranged for the purpose of detecting, denying passage to, or destroying enemy submarines.

base course. (NATO) A reference course or direction desired to be made good when evasive steering is being carried out.

base speed. (NATO) The speed resulting along the base course when evasive steering is being carried out.

basic allowance. With regard to maritime pre-positioning ship support of amphibious operations, the quantity of ammunition required to support a given number of weapons for a specified period of time. When used in relation to cargo offered for shipment (i.e., vehicles with basic allowance), it means that the vehicles are loaded with the ammunition necessary to support the unit involved.

battle force logistics coordinator (BFLC). The logistics coordinator for a battle force who establishes a focal point for management and coordination of logistics to support operating forces. This organization is established when logistic coordination of two or more subordinate battle groups is required.

battlefield coordination line (BCL). A fire support coordinating measure, similar to a fire support coordination line, which facilitates the expeditious attack of targets with surface indirect fires and aviation fires between this measure and the fire support coordination line. To facilitate air-delivered fires and deconflict air and surface fires, an airspace coordination area will always overlie the area between the battlefield coordination line and the fire support coordination line. The battlefield coordination line location is graphically portrayed on fire support maps, charts, and overlays by a solid black line with the letters "BCL" followed by the establishing headquarters in parentheses above the line and effective date-time group below the line. (MCRP 5-12C)

battlespace. The environment, factors, and conditions that must be understood to successfully apply combat power, protect the force, or complete the mission. This includes the air, land, sea, space, and the included enemy and friendly forces; facilities; weather; terrain; the electromagnetic spectrum; and the information environment within the operational areas, areas of interest, and areas of influence. (MCRP 5-12C)

battlespace dominance. The degree of control over the dimensions of the battlespace that enhances friendly freedom of action and denies enemy freedom of action. It permits force sustainment and application of power projection to accomplish the full range of potential operational and tactical missions. It includes all actions conducted against enemy capabilities to influence future operations. (MCRP 5-12C)

battlespace shaping. The continual process of developing, evaluating, and revising the force operational profile within the battlespace. Provides the foundation of the force commander's operational message within the battlespace.

beach gear. A direct pulling system used to free stranded vessels. It consists of an anchor connected to a pulling wire and a purchase tackle used to heave against the holding anchor.

beach party team (BPT). The Navy support element component of the shore party team commanded by a Navy officer. The beach party team provides Navy functions such as lighterage salvage and repair. In addition, as a component of the debark control unit for a maritime pre-positioning force operation, it is responsible to control lighterage in the surf zone and transfer bulk liquids from the maritime pre-positioning ship(s). (MCRP 5-12C)

beacon. Device operating on 121.5, 243.0, or 406.0 MHz intended solely for distress signaling.

beam rider. A missile guided by an electronic beam.

beam rider guidance. That form of missile guidance wherein a missile, through a self-contained mechanism, automatically guides itself along an electronic or laser beam.

beam width (BW). The angle between the directions, on either side of the axis, at which the intensity of the radio frequency field drops to one-half the value it has on the axis.

bearing rate. The rate of change of target bearing from own ship, caused by the relative motion of own ship and target. It is normally expressed in degrees per minute, left or right.

bellringer. Any procedure or system for alerting a submarine.

billet. 1. Shelter for troops. 2. To quarter troops. 3. A personnel position or assignment that may be filled by one person.

bioregulator. Organic chemicals that regulate cell processes.

bistatic. An active sonar or radar for which the source and the receiver are not collocated. Also see monostatic and multistatic.

blast. The brief and rapid movement of air, vapor, or fluid away from a center of outward pressure, as in an explosion or in the combustion of rocket fuel: the pressure accompanying this movement. This term is commonly used for "explosion," but the two terms may be distinguished.

blind bombing zone. (NATO) A restricted area (air, land, or sea) established for the purpose of permitting air operations, unrestricted by the operations or possible attack of friendly forces.

blockade. A belligerent operation to prevent vessels and/or aircraft of all nations, enemy as well as neutral, from entering or exiting specified ports, airfields, or coastal areas belonging to, occupied by, or under the control of an enemy nation. A belligerent's purpose in establishing a blockade is to deny the enemy the use of enemy and neutral vessels or aircraft to transport personnel and goods to or from enemy territory.

blocking. In tactical convoy operations, an advanced technique used to physically block a road with a vehicle, to prevent traffic from feeder roads, traffic circles, and on/off ramps from intermingling with the convoy.

blow through. In tactical convoy operations, a technique used to move through a threat or area. Usually applies to intersections, improvised explosive device detonation, or enemy fire.

blue dart message. Time-sensitive terrorist incident notification message. Initiated by the Multiple Alert Threat Center to provide commands immediate indications and warning of the high potential for, and imminent threat of, a terrorist incident.

blue water. The high seas and open oceans.

boarding. In maritime interception operations, physically going aboard another vessel to conduct law enforcement operations.

boarding party. Coast Guard personnel, sometimes augmented by members of other agencies, who conduct a law enforcement boarding.

boarding ship. In maritime interception operations, the unit tasked with providing the boarding team for boarding a suspect vessel.

bomb lines. (NATO) Lines designated over land areas by ground forces which can be identified easily by terrain features in order to delimit attacks by friendly aircraft.

bottom bounce (BB). Sound rays that are reflected off the ocean bottom.

bottom interaction. Interaction of underwater sound with the ocean bottom, whether the sound is reflected from the sediment, or refracted through it, or both. At low frequencies, refraction may produce a focusing, somewhat similar to a convergence zone.

bottom limited. A situation that exists when the ocean bottom occurs at a depth less than the critical depth. Convergence zone propagation is prevented from occurring. Deep sound channel propagation is restricted to a deep source.

bottom type. A number that categorizes the ocean bottom with respect to acoustic properties.

boundary. In underwater acoustics, a level at which a discontinuity exists, such as the ocean surface and ocean bottom. A boundary can also exist between different masses of ocean water, such as an ocean front, and between different thermal characteristics, such as a mixed-layer depth. Also see DOD Dictionary (JP 1-02).

bounded sea. Any sea space surrounded by land with restricted entry and exit routes and limited operating space.

bouquet mine. In naval mine warfare, a mine in which a number of buoyant mine cases are attached to the same sinker, so that when the mooring of one mine case is cut, another mine rises from the sinker to its set depth.

breach. 1. A tactical mission task in which the unit employs all available means to break through or secure a passage through an enemy defense, obstacle, minefield, or fortification. (FM 1-02) 2. The employment of any means available to break through or secure a passage through an obstacle. (FM 1-02) 3. To break through or secure a passage through an obstacle. (MCRP 5-12C)

break-point speed (BPS). For a ship or submarine platform, the fastest recommended antisubmarine warfare search speed. At this speed or faster, acoustic detection ranges are limited by the platform's self-noise and not by the ambient noise in the environment. (This occurs at the speed where self-noise = ambient noise.) Also see ambient limited speed (ALS).

bridge-to-bridge phone/distance line. A lightweight line that has interwoven sound-powered telephone lines for two circuits and is marked to indicate the distance between ships during underway replenishment. The zero end is secured to the delivering ship's rail, and the outboard end is tended by the receiving ship.

broadband. Acoustic energy that is spread over a wide nondiscrete frequency band. Broadband signals cover a frequency range one-tenth octave or larger.

brown water. Navigable rivers, estuaries, and associated ports.

bubble delay. An underwater demolition technique in which a bubble of gas is produced first by a small initial charge to remove water from around the main charge, which is then detonated inside the pressurized bubble.

bumping. In tactical convoy operations, the replacement of one blocking vehicle with another.

buried mine. In naval mine warfare, a mine that is partially or fully covered by bottom sediment.

burst override. The use of a short, concise radio transmission that will override enemy jamming while communicating with a station a short distance away.

call for fire. A request for fire containing data necessary for obtaining the required fire on a target.

camouflage. The use of natural or artificial material on personnel, objects, or tactical positions with the aim of confusing, misleading, or evading the enemy.

cannibalize. To remove serviceable parts from one item of equipment in order to install them on another item of equipment.

captain of the port (COTP). The officer responsible for enforcing, within his/her jurisdiction, port safety, security, and marine environmental protection regulations.

cardinal points. (NATO) The directions North, South, East, and West.

cargo-handling detachment (CHD). Assigned to the offload preparation party of a maritime pre-positioning force operation, the cargo-handling detachment is composed of Navy support element supervisory and technical personnel augmented by Navy cargo-handling force personnel to accomplish the offload.

cargo-handling force (CHF). A Navy support element of the offload control unit consisting of U.S. Navy cargo-handling force personnel assigned to the offload preparation party and debarkation team.

carrier air group (CAG). (NATO) A group of aircraft squadrons placed under a single command for administrative and tactical control of operations from an aircraft carrier.

carrier air wing air plan. A graphical representation of flight operations that lists call signs, tactical frequencies, launch/recovery times, flight composition, and fuel/ordnance loads.

carrier control zone. The airspace within a circular limit defined by 5 miles horizontal radius from the carrier, extending upward from the surface to and including 2,500 feet unless otherwise designated for special operations, and under the cognizance of the air officer during visual meteorological conditions.

carrier onboard delivery (COD). The delivery of passengers and/or light freight onboard an aircraft carrier at sea by carrier aircraft. Such aircraft are carrier-type aircraft especially adapted for this purpose.

Cartesian coordinate grid (CCG). (NATO) The grid (Cartesian coordinate) used for rapid reporting of position in a form compatible with automatic data processing systems.

case depth. The vertical distance from the surface of the water to a planted mine. For moored mines, the water depth at which the explosive charge is held by the mooring line. For bottom mines, the case depth is the same as the water depth.

casualty rate. In naval mine warfare, the expected number of casualties per time period in a sustained attrition mining campaign.

casualty report (CASREP). An operational report submitted for casualties (including degradations) that affect a unit's assigned primary mission area when repairs of the equipment and/or related computer software are not possible within 48 hours. The report identifies casualty effects to the mission area, parts, technical assistance, and estimated repair time. Casualty reports are classified as initial, update, cancellation, or correction reports, which provide the operational and type commanders within the unit's chain of command its readiness status.

cataloging. In logistics, a business process that results in the identification and definition of an ordnance item.

caution. Operating procedures, practices, or conditions that may result in damage to equipment if not carefully observed or followed.

cavitation. The rapid formation and collapse of air bubbles in water as a result of a significant and rapid drop in pressure (such as that produced by high-speed movement of an underwater propeller). These air bubbles can quench the sonar signal sent by the ship or help other passive sensors detect the extra noise added to the water by the air bubbles.

cavitation speed. (NATO) The speed for an individual ship at which propeller blade cavitation is the predominant factor in the ship's acoustic signature.

central procurement. The procurement of materiel, supplies, or services by an officially designated command or agency with funds specifically provided for such procurement for the benefit and use of the entire component or, in the case of single managers, for the Military Departments as a whole.

centrally managed item. An item of materiel subject to inventory control point (wholesale level) management.

chainsaw. (NATO) A two-phase anti-air warfare tactic designed to provide threat detection and engagement at extended ranges from the Battle Group.

change of operational control (CHOP). The date and time (Coordinated Universal Time) at which a force or unit is reassigned or attached from one commander to another where the gaining commander will exercise operational control over that force or unit.

channelization. The tactic of sending all transitors through the same strip of a minefield.

check-sum digits. (NATO) The summation of the numbers in positions, courses, speeds, and times to avoid confusion caused by errors in transmission of radio teletype signals.

checkerboard. In Tomahawk mission planning, the assignment of various aimpoints to a target area in a grid or checkerboard-like pattern, to provide full coverage of an area target.

circle search. An acoustic search pattern in which the torpedo searches in repeating circles until target detection or torpedo exhaustion.

circle WILLIAM. The classification of openings between the interior of the ship and the outside atmosphere, including ventilation systems, that are secured to minimize the penetration of chemical or biological agents.

circular disposition. (NATO) A tactical arrangement of two or more formations stationed on concentric circles and oriented clockwise from a disposition axis.

circular formation. (NATO) A tactical arrangement of units stationed on concentric circles and oriented clockwise from a formation axis to provide flexibility of maneuver while at the same time retaining protection from air and subsurface threats.

civil engineering. Those combat support and combat service support activities that identify, design, construct, lease, or provide facilities, and that operate, maintain, and perform war damage repair and other engineering functions in support of military operations.

classification, identification, and engagement area (CIEA). In maritime operations, the area within the surveillance area and surrounding the vital area(s) in which all objects detected must be classified, identified, and monitored; and the capability maintained to escort, cover, or engage.

cleared vessel. In maritime interception operations, a suspect vessel that has been queried and has declared its next port of call is in an area designated by the maritime interception operations sanctioning body and has been directed to proceed to the next port of call; or a suspect vessel outbound from an area designated by the maritime interception operations sanctioning body that has been queried and allowed to proceed to its next port of call.

clearing. The level of mine countermeasures effort required to sweep, hunt, or otherwise neutralize, to a high percentage, the mines in a field, whether of a certain type or total possible/known types.

clobber. The unintentional impact of a Tomahawk land-attack missile with a natural or man-made obstacle.

clock code position. The position of a target in relation to an aircraft or ship with dead-ahead position considered as 12 o'clock.

closure minefield. In naval mine warfare, a minefield which is planned to present such a threat that waterborne shipping is prevented from moving.

cloud top height. The maximal altitude to which a nuclear mushroom cloud rises.

coarse mine. In naval mine warfare, a relatively insensitive influence mine.

coast earth station (CES). Maritime name for an international maritime satellite shore-based station linking ship earth stations with terrestrial communications networks.

coastal state. A nation bordering ocean waters that has the authority under international law to exercise various degrees of sovereignty over the immediately adjacent ocean waters.

cognizance symbol (COG). A two-position alphanumeric code symbol prefixed to the National Stock Number, to identify the cognizant inventory manager, the stores account, and the type of material.

cold side. In tactical convoy operations, the side of a vehicle opposite the side taking fire.

column. (NATO) A line in which ships form directly ahead or astern of the line guide.

combat and operational stress (COS). The expected and predictable emotional, intellectual, physical, and/or behavioral reactions of Service members who have been exposed to stressful events in combat or noncombat military

operations. Combat stress reactions vary in quality and severity as a function of operational conditions, such as intensity, duration, rules of engagement, leadership, effective communication, unit morale, unit cohesion, and perceived importance of the mission. (MCRP 5-12C) Also see DOD Dictionary (JP 1-02).

combat and operational stress control (COSC). Leader actions and responsibilities to promote resilience and psychological health in military units and individuals, including families, exposed to the stress of combat or other military operations. Also see DOD Dictionary (JP 1-02).

combat logistics force (CLF). Includes both active Navy ships and those operated by the Military Sealift Command within the Naval Fleet Auxiliary Force that carry a broad range of stores, including fuel, food, repair parts, ammunition, and other essential materiel, to keep naval forces operating at sea for extended periods.

combat operations center (COC). The primary operational agency required to control the tactical operations of a command that employs ground and aviation combat, combat support, and logistics combat elements or portions thereof. The combat operations center continually monitors, records, and supervises operations in the name of the commander and includes the necessary personnel and communications to do the same. (MCRP 5-12C)

combat requirement (CR). The quantity of munitions required to equip a specified force structure to its designed military capability and to meet combatant commander objectives, including munitions needed for overlap.

combat stress. Changes in physical or mental functioning or behavior resulting from the experience or lethal force or its aftermath. These changes can be positive and adaptive or they can be negative, including distress or loss of normal functioning. (MCRP 5-12C)

combination influence mine. A mine designed to actuate only when two or more different influences are received either simultaneously or in a predetermined order.

combined effects bomblet (CEB). A fragmentation- and incendiary-shaped charge, ejected by a Tomahawk land-attack missile-submunitions, dispensed in paired packs over one or more targets as ordered by the mission planner.

command board. A board chaired by the commander whose purpose is to gain guidance or decision from the commander.

command element (CE). The core element of a Marine air-ground task force that is the headquarters. The command element is composed of the commander, general or executive and special staff sections, headquarters section, and requisite communications support, intelligence, and reconnaissance forces necessary to accomplish the Marine air-ground task force's mission. The command element provides command and control, intelligence, and other support essential for effective planning and execution of operations by the other elements of the Marine air-ground task force. The command element varies in size and composition; and, in a joint or multinational environment, it may contain other Service or multinational forces assigned or attached to the Marine air-ground task force. (MCRP 5-12C) Also see DOD Dictionary (JP 1-02).

command system. (NATO) The command system is formed by the chain of command and includes the means necessary to distribute orders and collect, evaluate, and disseminate information.

commander's planning guidance. The commander's vision of decisive and shaping actions used to assist the planning team in determining the main effort, phases of the operation, location of critical events, and other aspects of the operation the commander deems pertinent to course of action development.

commander, Navy forces (COMNAVFOR). The senior Navy commander assigned to a joint task force that does not have the Navy component commander assigned to it.

commence search point (CSP). Point normally specified by the search and rescue mission coordinator where a search and rescue facility is to begin its search pattern.

common tactical picture manager (CTPM). The officer assigned some or all of the officer in tactical command's detailed responsibilities for establishing, maintaining, assuring quality of, and disseminating the fused all-source (general service) common tactical picture.

common-use sorties. Sorties tasked directly by the joint force air component commander to achieve the air objectives of the joint force commander campaign. They consist of all sorties not used as direct support.

compensatory allowances. Measures applied to ensure that a weapon does not enter an area containing a friendly submarine.

compliant boarding. In maritime interception operations, a boarding in which all of the following conditions are met: a. suspect vessel complies with the directions of the on-scene commander; b. no apparent passive or active resistance measures are employed; and c. there is no intelligence to indicate a threat. A compliant boarding may escalate to a noncompliant or opposed boarding at any time.

component (materiel). An assembly or any combination of parts, subassemblies, and assemblies mounted together in manufacture, assembly, maintenance, or rebuild.

computer-assisted search planning system (CASP). A computer search planning system which uses simulation techniques to produce multiple datum points that are displayed as a map of all possible locations.

concealment. The protection from observation or surveillance.

configuration item (CI). An aggregation of hardware, firmware, or computer software or any of their discrete portions that satisfies an end-use function and is designated by the Government for separate configuration management. Configuration items may vary widely in complexity, size, and type, from an aircraft, electronic, or ship system to a test meter or round of ammunition. Any item required for logistics support and designed for a separate procurement is a configuration item.

confirmed intelligence. Information or intelligence reported by three independent sources. The test for independence is certainty that the information report of one source was not derived from either of the two other sources, usually resulting in reliance on original reporting.

confusion. (NATO) Measures taken to make an enemy's target identification and selection more difficult.

conjugate depth (CJD). For a source below the sonic layer depth, that depth below the deep sound channel axis where the sound speed equals the speed at the source depth.

connected replenishment (CONREP). A method used by ships to replenish from other ships via high line. Cargo, personnel, and fuel hoses are transferred by use of high-tension wires.

conscientious objection (CO). (1) A firm, fixed, and sincere objection to participation in war in any form or the bearing of arms, by reason of religious training and belief; (2) Class 1-0 Conscientious Objector, a member who, by reason of conscientious objection, sincerely objects to participation of any kind in war in any form, (3) Class 1-A-0

Conscientious Objector, a member who, by reason of conscientious objection, sincerely objects to participation as a combatant in war in any form, but whose convictions are such as to permit a military service in a noncombatant status.

consignee. The recipient (unit, depot, or person) to whom cargo is addressed or consigned for final delivery. The activity that is receiving the product.

construction. 1. Any planned physical change to the existing physical environment for a positive purpose. New construction, alterations, repairs, demolition, removal, replacement of component parts, excavation, dredging, and painting are all forms of construction. 2. The erection, installation, or assembly of a new facility; the addition, expansion, extension, alteration, conversion, or replacement of an existing facility; or the relocation of a facility from one installation to another. Construction includes equipment installed in and made a part of such facilities, and related site preparation, excavation, filling, landscaping, or other land improvements.

construction battalion unit (CBU). A naval construction force unit that may be established in the fleet or in shore installations. Fleet CBUs fulfill long-term facilities improvement requirements at specific locations. Shore CBUs are used for construction, alteration, repair, and nonrecurring maintenance.

consumables. Administrative and housekeeping items, common tools, paints, cognizance symbol II forms, or any other items not specifically defined as equipment or repair parts. Materiel such as general-purpose hardware, metals, lumber, and lubricating oil are also considered to be consumables in procurement transactions but will be treated as repair parts in shipboard issue transactions when the materiel is to be used for accomplishing maintenance actions.

contact (CTC). Any discrete airborne, surface, or subsurface object detected by radar, sonar, and/or visual means.

contact lost. (NATO) A target tracking term used to signify that a target believed to be still within sensor coverage is temporarily lost but the termination of track plotting is not warranted.

contact of interest (COI). In maritime interception operations, a suspect vessel carrying nonmilitary supplies believed to be en route to, or outbound from, a place specified by the maritime interception operations sanctioning body; or a suspect vessel flying the flag or under charter of a state specified by the maritime interception operations sanctioning body.

continental rise. A gentle slope with a generally smooth surface found between the continental slope and the abyssal plain.

contingency response element (CRE). A deployed Air Mobility Command (AMC) organization that does not open airfields but supports AMC cargo and passenger operations at existing airfields where AMC operational support is nonexistent or insufficient. The CRE deploys in support of special assignment airlift mission, joint airborne/air transportability training, or other air mobility missions.

contingency support shipping. Shipping directly related to ongoing activities during a regional contingency operation. This may include crisis response shipping, government-controlled relief shipping, naval operating forces, and naval sealift shipping.

continuous traffic. The flow of targets and/or sweepers at a steady average rate over a certain time period of interest.

continuum of force. The concept that there is a wide range of possible actions, ranging from voice commands to application of deadly force, that may be used to gain and maintain control of a potentially dangerous situation.

control point (aircraft). (NATO) A position usually marked by an identifiable object which is given a name or number and used as an aid to navigation or control of aircraft.

control ship. (NATO) The ship in a replenishment unit that controls the operation.

convection currents. Whenever the surface water undergoes intensive cooling, evaporation, or freezing, the density of the surface water increases beyond that of the underlying water. As this denser water sinks to a level of the same density, currents are produced by warmer water flowing in to replace the sinking surface water.

conventional ordnance. A generic term that includes all types of nonnuclear/biological/chemical ordnance, such as bullets, rockets, bombs, mines, and guided missiles. Also called conventional ammunition.

convergence zone (CZ). That region in the deep ocean where sound rays, refracted from the depths, return to the surface.

conversion. 1. A one-to-one mapping between two coordinate systems that does not involve a change of datum; it is a rigorous mathematical function based on constants. 2. A permanent change of the functional use of a facility or space, resulting in a category change to the real property record.

convoy escort. In tactical convoy operations, any security element/augmentation that has an independent task organization that will be supporting a convoy—to include air support. Also see DOD Dictionary (JP 1-02).

convoy manifest. In tactical convoy operations, a unit-specific standard operating procedure that contains information regarding personnel, vehicles, and equipment for a given convoy.

coordinated search pattern. Multiunit pattern using vessel(s) and aircraft.

coordinated strike. A combined strike by Tomahawk land-attack missile and tactical air in which the success and survivability of each component are not dependent upon the success or time-on-target of the other component.

coordination. (NATO) The establishment in operations, according to a changing situation, of an orderly correlation in time and place of planned actions in order to achieve the best overall result. In the maritime environment, the term coordination may include certain specified control functions.

correlation. 1. The process of comparing two signals and producing an output that is a function of the commonality between the two signals. The signals may be compared in frequency, amplitude, or phase. 2. The determination that a system track or local sensor track data report represents the same object or point as another track and/or the process of combining two such tracks/data under one track number.

COSPAS-SARSAT system. A satellite system designed to detect distress beacons transmitting on the frequencies 121.5 MHz and 406.0 MHz.

counterdetection. 1. A submarine's ability to acoustically detect a surface ship's radiated noise and echo ranging. 2. Detection of a tracking ship by a contact that is being tracked.

countered field. A minefield in which some level of mine countermeasures is undertaken by the enemy.

counterinsurgency (COIN). Those military, paramilitary, political, economic, psychological, and civic actions taken by a government to defeat insurgency. Also see DOD Dictionary (JP 1-02).

countermine. To explode the main charge in a mine by the shock of a nearby explosion of another mine or independent explosive charge. The explosion of the main charge may be caused by sympathetic detonation or through the explosive train and/or firing mechanism of the mine.

course made good over the ground (COG). (NATO) The direction in which a ship has proceeded, measured between two geographic positions.

course made good through the water (CTW). (NATO) The direction in which the ship is proceeding, resulting from the effect of weather but not the effect of current or tidal stream on the signaled or base course.

creeping mine. In naval mine warfare, a buoyant mine held below the surface by a weight, usually in the form of a chain, which is free to creep along the seabed under the influence of stream or current.

crisis response shipping. All shipping employed in support of allied military operations. It includes ships taken up from trade, chartered shipping, and, when appropriate, national maritime pre-positioning ships.

critical angle. The grazing angle of a sound wave with the sea bottom at which total reflection occurs.

critical angle towed-array system (CATAS). (NATO) A towed-array system whose depth is dependent upon towing ship speed and the length and weight of the towing cable only.

critical communications facility. A communications facility that is essential to the continuity of operations of the President or Secretary of Defense during national emergencies, and other modal points or elements designated as crucial to mission accomplishment.

critical depth (CD). The depth below the deep sound channel (DSC) axis at which the sound speed is the same as it is at the sonic layer depth. The critical depth is the bottom of the DSC.

critical factor (CF). An attribute considered crucial for the accomplishment of the objective. The factor in effect describes the environment (in relationship to the objective) and must be identified and classified as either sufficient (critical strength) or insufficient (critical weakness).

critical strength. A capability considered vital for the accomplishment of a given or assumed military objective.

critical weaknesses. Aspects or components of the adversary's capabilities that are deficient or vulnerable to neutralization, interdiction, or attack in a manner achieving decisive or significant results disproportionate to the military sources.

cross-over zone. (NATO) The airspace between a missile engagement zone and a fighter engagement zone to separate the two for anti-air warfare and air coordination purposes.

cruise phase. The period from the ignition of the sustainer engine and transition to self-sustained flight until the missile commences the terminal maneuver in the target area.

cruise reliability. The product of probability of navigation success, one minus probability of clobber, one minus probability of attrition, and the terminal sensor's probability of acquiring the target or offset aimpoint.

cryptologic resource coordinator. The officer delegated some or all of the officer in tactical command's detailed responsibilities for management of cryptologic assets, cryptologic coverage and tasking plans, personnel and augmentation requirements, cryptologic direct support operations, signal security operations, special intelligence

communications, direct service interfaces, cryptologic sanitation, and correlation procedures.

cueing. Using contact information generated by analysis of sensed data from any sensor to enable another sensor system to gain contact.

current operation/forward presence requirement (CO/FPR). The sum of the munitions required to arm forces to conduct current operations and meet forward presence obligations.

custodian of postal effects (COPE). Members of the U.S. Armed Forces or Department of Defense civilian employees accountable for administration of the postal effects entrusted to them by the United States Postal Service. Civilian custodians of postal effects are supervised by the members of the U.S. Armed Forces.

cutter. In naval mine warfare, a device fitted to a sweep wire to cut or part the moorings of mines or obstructors; it may also be fitted in the mooring of a mine or obstructor to part a sweep.

D-day. The unnamed day on which a particular operation commences or is to commence. Also see DOD Dictionary (JP 1-02).

daisy chain. Two or more explosive devices wired together so that a single signal will detonate all the munitions at once.

damage control (DC). In naval usage, measures necessary aboard ship to preserve and reestablish watertight integrity, stability, maneuverability, and offensive power; to control list and trim; to effect rapid repairs of materiel; to limit the spread of and provide adequate protection from fire; to limit the spread of, remove the contamination by, and provide adequate protection from chemical, biological, and radiological agents; and to provide for care of wounded personnel.

danger space. That space between the weapon and the target where the trajectory does not rise 1.8 meters (the average height of a standing human). This includes the area encompassed by the beaten zone.

data link coordination net (DCN). A voice coordination net of voice circuits used to coordinate technical operation of data terminal equipment. One voice circuit is required for each tactical digital information link (TADIL)-B pair, and one net is required for participants on each TADIL-A, TADIL-J, or interim Joint Tactical Information Distribution System message specification net. The net is normally secure or covered.

data link reference point (DLRP). (NATO) A geographic reference position representing the origin of a Cartesian coordinate system in which track positions are reported within a force.

datum. 1. In antisubmarine warfare operations, the last known position of a submarine or suspected submarine after contact has been lost; an antisubmarine warfare datum is fixed and not corrected for set and drift. 2. Any numerical or geometrical quantity or set of such quantities which may serve as reference or base for other quantities. Where the concept is geometric, the plural form is "datums" in contrast to the normal plural "data." 3. In search and rescue operations, a geographic point, line, or area used as a reference in search planning.

datum area. Area in where it is estimated that the search object is most likely to be located.

datum designator. (NATO) The alphanumeric or four-figure octal group assigned to a datum for identification purposes.

datum line. The line connecting two or more datum points computed for the same specified time, along which the search object is assumed to be located with equal probability.

datum marker buoy (DMB). Droppable floating beacon used to determine actual total water current, or to serve as a location reference.

datum point. A point, such as a reported or estimated position, at the center of the area where it is estimated that the search object is most likely to be located.

day type. The type of conditions for which a Tomahawk mission was planned, primarily in terms of air temperature.

dazzle. Temporary loss of vision or a temporary reduction in visual acuity; may also be applied to effects on optics.

debarkation officer. The senior naval officer on each ship responsible to the offload control officer for the efficient offload of that ship's maritime pre-positioned equipment and supplies. The debarkation officer coordinates the Navy cargo handling detachment, Marine air-ground task force debark team, ship's crew, and assigned lighterage control team. (MCRP 5-12C)

debarkation team. A task organization comprising a Navy cargo-handling force and Marine air-ground task force personnel provided to the offload control officer for each ship of the maritime pre-positioning ships squadron for debarkation. This team consists of cargo handling, maintenance, and vehicle equipment operators from the offload preparation party and advance party. (MCRP 5-12C)

deception. Those measures designed to mislead the enemy by manipulation, distortion, or falsification of evidence to induce the enemy to react in a manner prejudicial to the enemy's interests.

decibel (dB). A unit for expressing the ratio of two amounts of electric or acoustic signal power equal to 10 times the common logarithm of this ratio.

decision support system (DSS). An automated data process and communications system designed to furnish top management and/or command and control personnel with "what if" information needed to make tactical and strategic planning decisions.

deck alert. (NATO) An aircraft alert state expressing the time in minutes required for a specified number and type of aircraft to become airborne after the order to launch has been given. Also see ground alert in DOD Dictionary (JP 1-02).

decompression sickness. A syndrome, including bends, chokes, neurological disturbances, and collapse, resulting from exposure to reduced ambient pressure and caused by gas bubbles in the tissues, fluids, and blood vessels.

deconflict. To prevent a hostile encounter between forces, usually between friendly forces in the same area of operations.

deconfliction. In regard to Tomahawk missile operations, measures and procedures established to prevent or resolve interference between friendly forces. Also see airspace deconfliction, launch area deconfliction, and missile deconfliction

deep layer. In underwater acoustics, the layer of water between the lower edge of the main thermocline and the ocean bottom. It is characterized by a nearly constant temperature and a positive sound-speed gradient caused by pressure.

deep minefield. An antisubmarine minefield which is safe for surface ships to cross.

deep scattering layer (DSL). In underwater acoustics, a layer or layers in the ocean, believed to consist of plankton and fish, from which sound rays are scattered or reflected back to the sound source.

deep sound channel (DSC). The main sound channel of the ocean, caused by the negative sound speed gradient of the thermocline and the positive gradient of the deep layer.

default value. The value of a function automatically displayed and used in weapons control system computations when no operator-selected value is entered.

Defense Logistics Agency (DLA). A supply support organization assigned management responsibility and control of items in common use by all military services.

defense system analysis module (DSAM). The element of the Tomahawk planning system that calculates the probability of attrition from land-based air defense systems for the Tomahawk land-attack missile mission.

defense transportation tracking system (DTTS). A Military Surface Deployment and Distribution Command joint program that provides in-transit visibility of all DoD arms, ammunition and explosives, and other sensitive cargo using near-real-time capability to track, monitor, and expedite shipments by commercial motor and rail carriers within the continental United States.

defensive zone. A belt of terrain, generally parallel to the front, that includes two or more organized, or partially organized, battle positions.

deflection. The angle between the line of sight and the vertical plane through the line of fire, measured in the slant plane through the line of sight and the elevation axis.

degree of readiness. (NATO) The amount of operational capability of a unit which is currently available.

delay arm. A feature on a mine that can be set, causing the mine to remain unarmed for a selected period of time after it has been emplaced.

delay electric blasting cap. A blasting cap with a pyrotechnic burning delay train between the first flash compound and the initiating explosive.

delay rise. A selectable feature on a moored mine that can cause the case to remain attached to the anchor for a selected period of time after it is emplaced.

delivering ship. The ship in a replenishment unit that delivers the rig(s).

demand assigned multiple access (DAMA). A radio transmission method by which multiple circuits may be used for transmission and receipt using a single carrier frequency.

demand assigned single access (DASA). An access scheme in which a satellite communications channel is assigned for single access through the demand assigned multiple access control system in accordance with demand.

demilitarization. The act of destroying the functional or military capabilities of certain types of equipment or material that have been screened through inventory control points and declared surplus or foreign excess. The term includes mutilating, cutting, scrapping, melting, burning, or altering to prevent the further use of that equipment for its

originally intended purpose and applies equally to equipment in serviceable or unserviceable condition.

demolition charge. Any hand-placed explosive used for blasting or shattering effect. A standard demolition charge normally has a threaded activator well into which a blasting cap can be secured.

demolition outfit. Any combination of explosive and nonexplosive items that provides the desired demolition effect.

denial operation. An operation designed to deny the enemy occupation of or benefit from areas or objects having tactical or strategic value.

dental civic action program (DENCAP). A dental outreach program to augment host nation dental care services to the host nation population including dental preventive services, tooth extractions, and restorative work.

Department of Defense identification code (DODIC). A four-character alphanumeric code assigned to a generic description within the Federal Supply Classification.

deperming. The use of high currents in coils temporarily arranged around a ship to reduce its magnetic signature.

depressed towed array system (DTAS). (NATO) A towed-array system which is taken to desired depth by a towed body or depressor.

depression/elevation (D/E). The feature of a sonar set that enables its beam to be trained in the vertical direction.

depth excess (DE). In underwater acoustics: 1. The difference between the depth at which the maximum near-surface sound velocity recurs and the bottom depth; it is applied to convergence zone propagation. 2. The difference between the bottom depth and the critical depth.

depth required. In underwater acoustics, the minimum depth required for a reliable convergence zone to exist. It is 200 to 300 fathoms below the critical depth.

destroy. A tactical task to physically render an enemy force combat-ineffective unless it is reconstituted. To render a target so damaged that it cannot function as intended or be restored to a usable condition without being entirely rebuilt.

detaching. (NATO) The forming temporarily of a unit from the units of a force for a specific purpose, or the separation of a unit from the main body for duty elsewhere.

detained vessel. In maritime interception operations, a suspect vessel that has been queried or boarded and is believed to be carrying contraband. The suspect vessel remains in this status until changed by higher authority.

detention. 1. In maritime counterdrug and alien migrant interdiction, the delaying or holding up of a vessel, aircraft, and/or person(s) for a period of time for the purpose of inspection, investigation, or search, or until discrepancies are corrected; this exercise of control is frequently used as a preliminary step for law enforcement actions. 2. In road construction, the storage of water in depressions in the Earth's surface.

detonator safe. The condition of a demolition device when the igniting element is in some way blocked or separated from the rest of the explosive train.

dig. Maneuver used to increase the lateral separation of the flight by simultaneously changing aircraft heading 30° to 45° away from each other on the axis of advance.

- digital data storage tape (DDS tape).** A 4-mm tape that contains mission data and is used with the advanced Tomahawk weapon control system and mission distribution system sites. Digital data storage tapes are functionally similar to data transport devices in the Tomahawk weapon control system.
- digital imagery workstation afloat (DIWSA).** A ruggedized version of the digital imagery workstation suite that is an element of the strike planning cell and Joint Service Imagery Processing System - Navy.
- digital imagery workstation suite (DIWS).** The system at each cruise missile support activity that produces digital scene-matching area correlation scenes, target measurements, and terrain profiles using the point positioning database.
- digital scene matching area correlation (DSMAC).** A navigational update system in the conventional Tomahawk land-attack missile that compares binarized ground reference information loaded into the missile prior to launch with optically observed ground images to provide accurate, precise fixes.
- dip.** In naval mine warfare, the amount by which a moored mine is carried beneath its set depth by a current or tidal stream acting on the mine casing and mooring.
- direct path (DP).** The manner in which sound travels directly between the source and the transducer when passive or between transducer, target, and back to the transducer when active.
- direct support sortie.** A sortie that is planned and executed by a component commander in direct support of the mission in accordance with joint force commander guidance, or a sortie needed by the component commander for the immediate defense of his forces.
- direction of current.** Direction toward which a current is flowing.
- direction of waves, swells, or seas.** Direction from which the waves, swells, or seas are moving.
- direction of wind.** Direction from which the wind is blowing.
- disabled.** In search and rescue operations, a surface craft that has lost propulsion or steering and needs assistance.
- disabling fire.** The firing of ordnance at a vessel with the intent to disable, with minimum injury to personnel or damage to the vessel. Disabling fire as practiced by the Coast Guard does not constitute the use of deadly force. Such fire is a special method of stopping a vessel. Also see DOD Dictionary (JP 1-02).
- disaster relief (DR).** Goods and services provided to meet the immediate needs of disaster-affected communities.
- disposition axis.** (NATO) A reference line for stationing two or more formations in relation to each other.
- dissemination.** (NATO) The timely distribution of information and/or intelligence in the most suitable form to those who need it. Related term: intelligence cycle.
- distraction.** (NATO) Measures taken to offer alternative targets to a weapons control or missile homing system so that a false target is selected.
- distress alerting.** The reporting of a distress incident to a unit which can provide or coordinate assistance.
- distress phase.** A situation wherein there is reasonable certainty that a vessel or other craft, including an aircraft or a person, is threatened by grave and imminent danger and requires immediate assistance.

divert route. A command that may be incorporated into a Tomahawk mission plan as a means to lower the risk of collateral damage if the accuracy of the missile's navigational solution falls below the level of confidence required for the mission.

diverted vessel. In maritime interception operations, a suspect vessel that has been queried or boarded, found to be in violation, and diverted to a neutral port requested by the detainee or to a port selected by the cognizant commander.

division artillery (DIVARTY). Artillery that is permanently an integral part of a division. For tactical purposes, all artillery placed under the command of a division commander is considered division artillery.

Doppler radar. A radar system that differentiates between fixed and moving targets by detecting the apparent change in frequency of the reflected wave due to motion of target or the observer.

dormant. In mine warfare, the state of a mine during which a time delay feature in a mine prevents it from being actuated.

dose rate. A measure of the amount of ionizing radiation an individual is exposed to per unit of time, commonly expressed in units of gray (or rads) per hour.

drift. The movement of a search object caused by environmental factors.

dummy minefield. In naval mine warfare, a minefield containing no live mines and presenting only a psychological threat.

eastings. (NATO) Eastward (that is from left to right) reading of grid values on a map.

echo ranging. The process of determining range to an underwater object by measuring the interval of time necessary for a transmitted pulse of sonic or supersonic energy to be reflected by that object.

echo sweep. (NATO) An active mode sonar search.

economic retention stock. That portion of the quantity of an item in excess of the approved force retention level that has been determined to be more economical to retain for future peacetime issue in lieu of replacement of future issues by procurement. To warrant economic retention, items must have a reasonably predictable demand rate.

economic shipping. Civil shipping operating commercially, not in support of the military. In crisis regions, this category may also include privately chartered relief shipping not under direct military control.

economy of force. The allocation of minimum essential combat capability to supporting efforts, with attendant degree of risk, so that combat power may be concentrated on the main effort. Economy of force is used to describe a principle of war and a condition of tactical operations; it is not used to describe a mission. (MCRP 5-12C)

eddy. 1. A circular body of water usually formed where currents pass obstructions, between two adjacent currents flowing counter to each other, or along the edge of a permanent current. 2. Large water masses, either cold or warm, that break off from their parent water mass into a different water mass yet retain their specific properties for long periods (months) before being assimilated.

electric firing device. A device that uses electricity to initiate the explosive train leading to final functions of the demolition charge.

- electrode sweep.** In naval mine warfare, a magnetic cable sweep in which the water forms part of the electric circuit.
- electronic countermeasures (ECM).** (NATO) That division of electronic warfare involving actions taken to prevent or reduce an enemy's effective use of the electromagnetic spectrum through the use of electromagnetic energy. There are three subdivisions of electronic countermeasures: electronic jamming, electronic deception and electronic neutralization. Related terms: barrage jamming; electronic jamming; jamming; spot jamming; sweep jamming.
- electronic deception (ED).** (NATO) In electronic countermeasures, the deliberate radiation, re-radiation, alteration, absorption or reflection of electromagnetic energy in a manner intended to confuse, distract or seduce an enemy or his electronic systems.
- electronic jamming (EJ).** (NATO) The deliberate radiation, reradiation or reflection of electromagnetic energy with the object of impairing the effectiveness of hostile electronic devices, equipment or systems. Related terms: barrage jamming; electronic countermeasures; jamming; spot jamming; sweep jamming.
- electronic neutralization (EN).** (NATO) In electronic countermeasures, the deliberate use of electromagnetic energy to either temporarily or permanently damage enemy devices which rely exclusively on the electromagnetic spectrum.
- electronic order of battle (EOB).** (NATO) A list of emitters used by a force or in a scenario with specific information on the electromagnetic characteristics, parameters, locations and platforms of these emitters.
- electronic protective measures (EPM).** (NATO) That division of electronic warfare involving actions taken to ensure effective friendly use of the electromagnetic spectrum despite the enemy's use of electromagnetic energy. There are two subdivisions of electronic protective measures: active electronic protective measures and passive electronic protective measures. Related terms: active electronic protective measures; passive electronic protective measures.
- electronic strike package (ESP).** A strike option generated on a mission distribution system that has been promulgated for execution.
- electronic target folder (ETF).** A precision targeting workstation product that contains the data and remarks used as reference materials during targeting and weaponeering.
- electronic warfare support measures (ESM).** (NATO) That division of electronic warfare involving actions taken to search for, intercept and identify electromagnetic emissions and to locate their sources for the purpose of immediate threat recognition. It provides a source of information required for immediate decisions involving electronic countermeasures, electronic protective measures and other tactical actions.
- emergency locator transmitter (ELT).** Aeronautical radio distress beacon for alerting and transmitting homing signals.
- emergency management assistance compact (EMAC).** A congressionally ratified organization that provides form and structure to interstate mutual aid.
- emergency position-indicating radio beacon (EPIRB).** A device, usually carried aboard maritime craft, that transmits a signal that alerts search and rescue authorities and enables rescue units to locate the scene of the distress.

emergency signals. (NATO) A means of promulgating a threat requiring an expeditious or immediate action as a result of either a subjective tactical decision or an automatic response, thereby sacrificing some measure of evaluation.

emission control plan (EMCON plan). (NATO) The plan ordered by an officer in tactical command to effect his emission policy and implement emission control.

emission policy (EP). (NATO) The policy which states what electromagnetic and acoustic emissions may be allowed.

enabling run. The distance along the torpedo track from the launch point to the point at which the torpedo enables.

endangered species. A species of fauna or flora that has been listed by the United States Fish and Wildlife Service or the National Marine Fisheries Service for special protection and management under the Endangered Species Act.

endurance loading. The stocking aboard ship for a period of time, normally covering the number of months between overhauls, of items with all of the following characteristics: a. low price; b. low weight and cube; c. a predictable usage rate; and d. nondeteriorative. See also loading.

endurance speed. (NATO) The nautical miles per hour a ship will travel through the water under average conditions of hull, sea in temperate weather, and wartime readiness. Endurance speeds in each case will correspond with specific engine speeds.

engagement planning. The process and procedures performed by the firing unit to build the overwater portion of a Tomahawk land-attack missile mission from the launch position to the first preplanned waypoint.

engineer reconnaissance. The gathering of specific, detailed, technical information required by supporting engineer forces in order to prepare for and accomplish assigned missions. (MCRP 5-12C)

engineering civic action program (ENCAP). An engineering outreach program to provide engineering activities including repairs and improvements, evaluations, and technical assistance.

environmental assessment (EA). A concise public document that identifies and analyzes the environmental effects of a proposed Federal action, such as a military exercise or construction project, upon the human and biophysical environment. The environmental assessment provides documentation to determine whether to prepare an environmental impact statement or a finding of no significant impact.

environmental impact statement (EIS). A comprehensive document prepared to assess the environmental impacts of proposed legislation or other Federal actions that might significantly affect the quality of the human environment. The National Environmental Policy Act requires public notice and comment before publication of a final environmental impact statement.

environmental planning. Efforts that consider the impact of operations, training, exercises, or weapon system introduction upon the environment and, where necessary, allow decision-makers to take early action to eliminate or to mitigate that impact. Additionally, environmental planning may require consultation or submission of documentation (such as the environmental impact statement or environmental assessment) to demonstrate that environmental factors have been considered.

equipment. Those items that require management control afloat because of any one or a combination of high unit cost, vulnerability to pilferage, and/or indispensability to the ship's mission. Equipment does not encompass installed mechanical, electrical, ordnance, or electronic equipment (less personal computers), components, or systems. Equipment items generally are identifiable to end-use applications aboard ships to the extent that an allowed quantity of the item can be and is determined on an individual ship basis.

escalation of force. In tactical convoy operations, a graduated show of force that ground troops should use in ambiguous situations before resorting to deadly force.

escape course. (NATO) Ships steer 90 degrees away from fallout axis at maximum speed in order to leave the fallout hazard area before fallout arrival.

escort. A protective screen of naval or law enforcement vessels and aircraft used to protect a high-value asset(s) from enemy attack. Also see DOD Dictionary (JP 1-02).

estimated launch position (ELP). In Block III weapons control systems, the estimated launch position is the projected position of own ship at the launch time calculated for a time-on-top engagement plan, based on current course and speed.

estimated time of arrival (ETA). (NATO) The time of arrival at the entrance to the harbor (passing breakwaters), or, when point X is established, the time of arrival at point X. For aircraft, it is the time of arrival from an airfield, target, combat air patrol station, and so forth.

estimated time of departure (ETD). (NATO) The time of passing the entrance to the harbor (passing breakwaters), or, when point A is established, the time of passing point A. For aircraft, it is the time of departure from an airfield, target, combat air patrol station, and so forth.

evasion and recovery (E&R). The full spectrum of coordinated actions carried out by evaders, recovery forces, and operational recovery planners to effect the successful return of personnel isolated in hostile territory to friendly control.

evasion course. (NATO) When a ship is too close to the actual area of deposition and escape course is not always the safest solution: 1. Ship's speed is greater than effective downwind speed, ship steers away from fallout axis, and maintains actual distance to area of fallout deposition; therefore, the relative course of the ship should be 90° away from fallout axis. 2. Ship's speed is less than effective downwind speed, ship steers to be as far away as possible from fallout axis, whenever the outer (forward) limit of fallout deposition arrives at the ship's position.

excess hazardous material. Unused hazardous material in full, properly sealed containers that can be returned to the supply system for reissue.

exercise mine. In naval mine warfare, a mine suitable for use in mine warfare exercises, fitted with visible or audible indicating devices to show where and when it would normally fire.

exfiltrate. The movement of personnel or units from areas under enemy control by stealth, deception, surprise, or clandestine means.

expanded maritime interception operations (EMIO). Broadened maritime interception operations to intercept targeted personnel or material that pose an imminent threat to the United States and may involve multinational forces and implementation without sanctions.

expeditionary airfield. A prefabricated and fully portable airfield. The effort and assets (e.g., materiel, engineer support, operational guidance, security) required for the installation/operation of an expeditionary airfield can require the participation/support of all elements of the Marine air-ground task force.

expeditionary logistics. The science of planning and carrying out the movement and maintenance of an armed force organized to accomplish a specific objective in a foreign country. In its most comprehensive sense, those aspects of military operations that deal with: a. design and development, acquisition, storage, movement, distribution, maintenance, evacuation, and disposition of materiel; b. movement, evacuation, and hospitalization of personnel; c. acquisition or construction, maintenance, operation, and disposition of facilities; and d. acquisition or furnishing of services.

expeditionary strike group (ESG). An amphibious ready group/Marine expeditionary unit, supported by other forces, and led by an embarked Navy flag officer or Marine Corps general officer and an associated command element staff. An expeditionary strike group provides a greater range of amphibious and/or expeditionary warfare planning capabilities for the execution of a variety of missions in the operational environment, including the ability to conduct and support operations ashore and function as a sea base.

expendable bathythermograph (XBT). A bathythermograph launched from a ship (SXBT), submarine (SSXBT), or aircraft (AXBT) that records water temperature versus depth down to 2,500 feet.

explosive safety quantity distance (ESQD). Requirements that apply to the concentration of ammunition, explosives, and other hazardous materials at naval shore establishments for development; manufacturing; test and maintenance; storage, loading, and offloading of vehicles, railcars and aircraft; disposal; and all related handling incidents. The requirements are based on records of actual fires and explosions involving ammunition and explosives. (MCRP 5-12C)

exposure. 1. The total effect of light acting on a sensitive film measured in foot-candle seconds and the product of the illuminance of the lens image in foot-candles by the total exposure time in seconds. 2. A measure of the number of ionizations produced by gamma or x-rays in a volume of air; expressed in units of roentgen. 3. The frequency and length of time subjected to a hazard.

extended communications search (EXCOM). In search and rescue operations, consists of contacting all possible sources of information on the missing craft, including physically checking possible locations such as harbors, marinas, and airport ramps. An extended communications search is normally conducted after a preliminary communications search has yielded no results and when the mission is upgraded to the alert phase.

extended echo ranging (EER). Multistatic active acoustic system, utilizing the SSQ-110 or SSQ-110A sonobuoy as the source and generally using the SSQ-77B sonobuoy as the receiver.

extended maneuvering interval. (NATO) The standard maneuvering interval plus 500 yards, unless otherwise ordered, to allow for station-keeping errors.

extraction. The removal, by some type of platform, of personnel or units from areas under enemy control.

F-hour. The effective time of announcement by the Secretary of Defense to the Military Departments of a decision to mobilize Reserve units. Also see DOD Dictionary (JP 1-02).

false target. An echo or noise source other than the real target, which can cause false detections and false homing.

figure of demerit (FOD). In sonar operations: 1. The maximum decrease in own ship's radiated noise that can be sustained and still be detected by a submarine 50 percent of the time. 2. An estimated figure of merit used by opponent against own platform.

figure of merit (FOM). In sonar operations, the maximum allowable one-way transmission loss in passive sonar systems, or the maximum allowable two-way transmission loss in active sonar systems, for which the system will achieve the required level of performance.

filler. A substance carried in an ammunition container, such as a projectile, mine, bomb, or grenade. A filler may be an explosive, chemical, or inert substance.

final diameter. (NATO) The diameter of the circle that would ultimately be described by a ship turning through 360° with a constant rudder angle.

finding of no significant impact (FONSI). When an environmental assessment concludes that no environmental impact statement is necessary, the finding of no significant impact documents the reasons why an action, not categorically excluded, will have no significant impact upon the environment.

fire. To detonate the main explosive charge by means of the firing system.

fire-through. An automatic feature of the vertical launch system that gives launch priority to a Standard missile or a vertical launch ASROC (antisubmarine rocket) before a Tomahawk land-attack missile, if a launch conflict occurs.

firebreaks. In Tomahawk land-attack missile operations, administrative and physical steps taken to reduce the risk of an inadvertent weapons firing.

firepower. 1. The amount of fire which may be delivered by a position, unit, or weapon system. 2. Ability to deliver fire.

firing device. Any device that causes the explosion of demolition charges, either directly or through its effect on a blasting cap, electric squib, or detonating cord.

first preplanned waypoint (FPPWP). The starting point of the cruise missile support activity-planned portion of a Tomahawk land-attack missile mission to which the firing unit's engagement plan delivers the missile. The first preplanned waypoint has a specified latitude, longitude, altitude, and departure heading.

first waypoint (FWP). A Tomahawk land-attack missile mission that is based on the time of missile arrival at the first preplanned waypoint.

fix. A geographical position determined by visual reference to the surface, referencing to one or more radio navigational aids, celestial plotting, or other navigation device.

flag state. The nation where a given vessel is legitimately registered.

flash-bang. A normally nonlethal explosive munition used to create diversion, confusion, and/or fear. It is employed during an assault. Also called flash-crash.

fleet air wing. (NATO) An administrative or tactical organization consisting of two or more squadrons of aircraft.

fleet and industrial supply center (FISC). Command organizations that furnish supply support to fleet units, shore activities, and overseas bases established in their mission.

fleet area control and surveillance facility (FACSFAC). U.S. Navy computerized radar tracking facilities located along coastlines of the continental United States and Hawaii. Record primary and secondary data from coastline out to sea. Recorded data is retained for 15 days.

fleet issue load list (FILL). Consolidated list of material to be carried onboard combat stores ships for the support of operating afloat forces to ensure maximum fleet readiness. It is based on actual past demands of those items most commonly requested by the fleet units.

fleet mail center. A DOD facility operated by the U.S. Navy to send, receive, distribute, combine, transfer, and dispatch military mail for transportation to, from, and in overseas areas.

Fleet Materiel Support Office (FMSO). Located in Mechanicsburg, PA, the Fleet Materiel Support Office is responsible for maintaining demand data and load list changes, performing inventory control point functions, and designing shore-based inventory control systems.

fleet response training plan (FRTTP). A plan consisting of four progressive training phases (maintenance, basic, integrated and/or advanced, and sustainment) designed to optimize the return on training and maintenance investments.

fleet support ship. A government-owned ship operated by the Military Sealift Command with a civilian crew augmented by a military department. This type of ship is employed in direct support to the active fleets of the U.S. Navy, providing logistics support in a manner comparable to that provided by Combat Logistics Support Force ships manned and operated by U.S. Navy personnel.

flex deck. (NATO) Aircraft carrier operation where unscheduled, continuous launch and recovery of aircraft is made possible.

flight ferry (FF). The movement by self-deployment of the aircraft of the aviation combat element to the arrival and assembly area. (MCRP 5-12C)

flight information center (FIC). A unit established to provide flight information and alerting services.

flight operations course and speed. (NATO) The course and speed used by a ship when launching or recovering aircraft.

flight path. The horizontal track of a missile from launch to target.

flight profile. The phases of a Tomahawk land-attack missile mission, including the boost phase, overwater phase, overland phase, and terminal maneuver. Also see DOD Dictionary (JP 1-02).

floating mine. In naval mine warfare, a mine visible on the surface.

flooder. In naval mine warfare, a device fitted to a buoyant mine which, on operation after a preset time, floods the mine case and causes it to sink to the bottom.

flotilla. (NATO) An administrative or tactical organization consisting of two or more squadrons together with such additional ships as may be assigned as flagships or tenders.

flow noise. The noise produced by water movement past the transducer or hydrophone array housing, at the hull of a moving ship, or the turbulent flow in the turbulent boundary layer around the hydrophone.

fly-in echelon (FIE). Airlifted forces and equipment of the Marine air-ground task force and Navy support element plus aircraft and personnel arriving in the flight ferry of the aviation combat element. (MCRP 5-12C) Also see DOD Dictionary (JP 1-02).

flyaway team (FAT). The personnel and equipment dispatched to rearm Tomahawk ships at uncertified sites. It is a team of qualified civilians with Tomahawk land-attack missile-unique equipment and technical materials. Also called the quick response team.

force combat air patrol. (NATO) A patrol of fighter aircraft maintained over the task force to destroy hostile aircraft or missiles which threaten the force.

force majeure. 1. An external, irresistible force or condition (natural or man-made, such as a storm, fire, or disablement) of such severity that it threatens destruction of the vessel or loss of life unless immediate response action is taken. 2. An event that cannot be anticipated or predicted that results in actions contrary to some law.

force module. A task organization that is tailored and time-phased to meet specific challenges of operational environments ranging from permissive to hostile in any operational area. (MCRP 5-12C) Also see DOD Dictionary (JP 1-02).

force structure. Numbers, size, and composition of the units that comprise U.S. defense forces; e.g., divisions, ships, air wings. Also see DOD Dictionary (JP 1-02).

force sustainment. Capabilities, equipment, and operations that ensure continuity, freedom of action, logistic support, and command and control. (MCRP 5-12C)

force/activity designator (F/AD). For database use only. 08/27/09

forces readiness (FR). The ratio of combat-usable assets divided by the sum of current operation/forward presence requirements and strategic readiness requirements.

formation axis. (NATO) A reference line for stationing ships of a formation, or the axis of the main body or convoy, in a formation consisting of a main body or convoy and escorts.

formation center. (NATO) A position designated by the officer in tactical command as the center of a formation, normally the geometric center; station zero in a circular formation; also, the point of origin of a formation axis.

formation guide. (NATO) A ship in a formation on which the units in the formation take and keep station.

forward bomb (safe) lines. (NATO) Bomb lines prescribed by a troop commander beyond which he considers that bombing need not be coordinated with his own forces.

forward presence. Maintaining forward-deployed or stationed forces overseas to demonstrate national resolve, strengthen alliances, dissuade potential adversaries, and enhance the ability to respond quickly to contingencies.

forward-looking airborne radar (FLAR). Any aircraft-mounted radar designed to detect search objects on or near the ocean surface by scanning a sector typically centered in the direction of aircraft heading.

fratricide. The damage or destruction of friendly aircraft or personnel by friendly fire.

free mine. In naval mine warfare, a moored mine whose mooring has parted or been cut.

full command. The command authority which covers every aspect of military operations and administration exists only within national services and therefore is always retained by national commanders.

full mission-capable (FMC). Material condition of any piece of military equipment, aircraft, or training device indicating that it can perform all of its missions.

full-dimension protection. The ability of the joint force to protect its personnel and other assets required to decisively execute assigned tasks.

functional board. A board whose purpose is to gain functionally specific guidance and decisions from the commander (or designated representative) based on a staff recommendation.

functional kill. To render a targeted installation, facility, or target system unable to fulfil its primary function.

furthest-on-circle. (NATO) An expanding circle centered on a datum or search center of which the radius at any one time is a command estimate of maximum submarine travel from datum plus datum error.

generated target bearing (relative or true). The relative or true bearing of a target as determined by a computing instrument from previous positions of own ship and target and an established rate of change of bearing.

Global Maritime Distress and Safety System (GMDSS). A global communications service based on automated systems, both satellite-based and terrestrial, to provide distress alerting and promulgation of maritime safety information for mariners.

global ordnance positioning. The fleet process of determining optimum locations worldwide for ammunition stocks. It considers combat and noncombat expenditure requirements, force deployments, throughput and political factors, training locations, and other related factors.

Global Positioning System flight software (GFS). The software in the Tomahawk land-attack missile guidance system that processes Global Positioning System signals received by the missile in flight.

grapnel. In naval mine warfare, a device fitted to a mine mooring designed to grapple the sweep wire when the mooring is cut.

GRASSHOPPER. Operation GRASSHOPPER is designed to create a surface force transit area through waterspace areas occupied by friendly submarines. When activated, use of air and surface antisubmarine warfare weapons in this transit area is unrestricted.

gray water. Wastewater from deck drains, lavatories, showers, dishwashers, laundries, garbage grinders, and shipboard medical facilities that does not include industrial waste, infectious waste, or human body waste.

grazing angle. 1. In underwater acoustics, the angle that a sound ray makes with an ocean boundary, measured in degrees to the horizontal. 2. The angle at which an energy pulse strikes, and propagates across, a surface.

green water. Coastal waters, ports, and harbors.

grid origin. (NATO) The center of the grid in the Cartesian coordinate grid system from which X and Y coordinates originate; it is based on a geographic reference position.

grid shift. (NATO) The procedure in the Cartesian coordinate grid system that is employed to relocate the grid origin to another geographic reference position.

gridlock. (NATO) The procedure in the Cartesian coordinate grid system that is employed to reduce errors in reporting caused by errors in the estimated position of the reporting unit.

ground combat element (GCE). The core element of a Marine air-ground task force that is task-organized to conduct ground operations. It is usually constructed around an infantry organization but can vary in size from a small ground unit of any type to one or more Marine divisions that can be independently maneuvered under the direction of the Marine air-ground task force commander. It includes appropriate ground combat and combat support forces, and in a joint or multinational environment, it may also contain other Service or multinational forces assigned or attached to the Marine air-ground task force. The ground combat element itself is not a formal command. (MCRP 5-12C)

ground speed (GS). The speed a craft is making relative to the Earth's surface.

guard-ship. (NATO) A ship detailed for a specific duty for the purpose of enabling other ships in company to assume a lower degree of readiness.

guide. (NATO) A ship on which other ships take station when forming up or keep station when formed; usually, the ship on which all units of a formation (or all formation guides of a disposition) take and keep station.

guinea-pig. In naval mine warfare, a ship used to determine whether an area can be considered safe from influence mines under certain conditions or, specifically, to detonate pressure mines.

gun truck. A vehicle where the primary weapon system is a crew-served weapon with a 360-degree field-of-fire capability and usually hardened for protection of vehicle and crew.

gyro angle. In underwater warfare, the angle, measured left or right, between the torpedo tube longitudinal axis and the desired torpedo course as computed by the fire control system.

gyro angle order. The angular quantity transmitted to the torpedo that determines its initial post-launch turn to preenable course, measured relative to the ship's heading.

H-hour. For amphibious operations, the time the first assault elements are scheduled to touch down on the beach or a landing zone, and in some cases the commencement of countermine breaching operations. Also see DOD Dictionary (JP 1-02).

half-duplex. A terminal characteristic that allows receipt and transmission of signals, but not both at the same time.

handover (aircraft). (NATO) The process of transferring control of aircraft from one controlling authority to another.

harassment mines. Mines set to function against sweepers or to project the psychological threat of a minefield.

harbor approach defense (HAD). The employment of forces to ensure the unimpeded use of an inshore coastal area, including a defensive sea area, by friendly forces and, as appropriate, to deny the use of the area to enemy forces.

harbor defense (HD). The defense of a harbor or anchorage and its water approaches against external threats such as:
a. submarine, submarine-borne, or small surface craft attack; b. enemy minelaying operations; and c. sabotage. The defense of a harbor from guided missiles while such missiles are airborne is considered to be a part of air defense. See also port security.

harbor defense commander (HDC). An officer designated by the joint task force commander or naval coastal warfare commander to conduct inshore surveillance, interdiction, vessel movement control, and waterside security operations in a port, harbor, anchorage, or designated defensive sea area.

hard kill. (NATO) In antiship missile defence hard-kill measures are those which directly damage a missile by impact.

haven. 1. A safe area located in the forward operating area where ships can be staged for provisioning or repair, or to await tasking. 2. A depth band in which a submarine will be safe from torpedo attack due to the stratum inhibits placed on the torpedo by floor and/or ceiling presets.

hazardous material. Any material that because of its quantity, concentration, or physical or chemical characteristics may pose a substantial hazard to human health or to the environment when released.

hazardous substance. Either a hazardous material or a hazardous waste.

hazardous waste (HW). 1. A solid waste or combination of solid wastes that because of its quantity, concentration, or physical, chemical, or infectious characteristics may (a) cause or significantly contribute to an increase in mortality or an increase in irreversible or incapacitating reversible illness or (b) pose a substantial present or potential hazard to human health or to the environment when improperly treated, stored, transported, disposed of, or otherwise managed. The term solid waste includes liquid, semisolid, or contained gaseous material. 2. Any waste that requires special precaution in its storage, collection, transportation, treatment, or disposal to prevent damage to persons or property, including explosive, flammable, volatile, radioactive, toxic, and pathological wastes.

height. (NATO) 1. The vertical distance of a level, a point, or an object considered as a point, measured from a specified datum. Related terms: altitude; elevation. 2. The vertical dimension of an object.

helicopter action group (HAG). (NATO) A unit comprised of two or more helicopters which are assigned to counter a particular surface threat.

helicopter element coordinator (HEC). The officer assigned some or all of the officer in tactical command's detailed responsibilities for management and coordination of rotary-wing air assets.

helicopter wave. One or more helicopters grouped under a single leader and scheduled to land in the same landing zone at approximately the same time. A helicopter wave is composed of one or more flights. Also see "wave" in DOD Dictionary (JP 1-02).

helicopter windline screen. (NATO) A helicopter screen provided for a carrier temporarily during flight operations, relative to the carrier's track into the wind.

herding. Tactical boat maneuver where a reaction vessel purposely maneuvers towards a contact of interest (there is no physical contact) in an attempt to force it away from the protected asset.

high seas. All parts of the sea that are not included in the exclusive economic zone, the territorial sea, the internal waters of a state, or the archipelagic waters of an archipelagic state.

high-probability intercept equipment. (NATO) An intercept receiver which will detect any transmission which illuminates its antenna, within the wide frequency band it is designed to cover, as soon as that transmission is made within a certain limiting range.

high-value asset. Any landside or waterside asset that is of high value. High-value assets may include military and commercial vessels, waterfront facilities, military facilities, submarines, or commercial vessels carrying certain dangerous cargo.

homing mine. In naval mine warfare, a mine fitted with propulsion equipment which homes in on a target.

horizontal construction. General engineering projects involving time, manpower, material, and equipment-intensive tasks. Construction usually involves extensive earthwork and consists of such work as roads, airfields, berms/revetments, and ditches.

horn. In naval mine warfare, a projection from the mine shell of some contact mines which, when broken or bent by contact, causes the mine to fire.

host/tenant agreement. An agreement between two commands outlining the services that the installation will provide to the tenant and the tenant's responsibilities.

hot pursuit. A situation where a vessel is being chased or pursued after having violated a coastal state's laws and in which the chase extends beyond the normal jurisdictional bounds of the pursuing vessel(s). Also see DOD Dictionary (JP 1-02).

hot side. In tactical convoy operations, the side of a vehicle that is taking fire.

HOVERTAC. (NATO) An attack conducted by a dipping helicopter on its own target while maintaining sonar contact.

identification (ID). The determination of the exact nature of an object detected and classified. Also see DOD Dictionary (JP 1-02).

identification criteria. (NATO) Criteria laid down by the officer in tactical command or delegated authority to determine which standard identity can be assigned to a detected contact based on the available localization and recognition data.

identification safety range (ISR). (NATO) The minimum range to which an aircraft may close an assumed friendly force without having been positively identified to ensure that the force does not mistake the aircraft for enemy.

identify. (NATO) The process of determining identity by either recognition or identification/recognition.

identity. (NATO) The friendly or hostile character or individuality of a contact.

illuminator. The part of a fire control system designed to provide illumination for semiactive weapon homing.

in-company. Two or more units proceeding together under the command of a designated senior.

independent operation. An operation in which the Marine air-ground task force commander has dual responsibilities as the Marine Corps forces (Service component) commander to a subordinate unified command, joint task force, combined joint task force, or multinational force. (MCRP 5-12C)

INDIGO. A message in United States message text format used to order the execution of conventional, land-attack cruise missile launches.

indirect fire (IDF). A form of naval gunfire support fire used against targets that cannot be seen from the ship. Also see DOD Dictionary (JP 1-02).

induction circuit. In naval mine warfare, a circuit actuated by the rate of change in a magnetic field due to the movement of the ship or the changing current in the sweep.

inert accessories. Nonexplosive items and devices (e.g., power cable, firing wire, priming adapters, charge containers, blasting machine, etc.) that are used in conjunction with explosive accessories to set off main charges.

inert filling. A prepared nonexplosive filling of the same weight as the explosive filling.

inert mine. A mine or replica of a mine incapable of producing an explosion.

inertial flight mode. Flight in which a Tomahawk land-attack missile flies at an indicated altitude above mean sea level, as measured by the inertial navigation system and the barometric altimeter.

inertial guidance. A guidance system designed to project a missile over a predetermined path, wherein the path of the missile is adjusted after launching by devices wholly within the missile and independent of outside information. The system measures and converts accelerations experienced to distance traveled in a certain direction.

inertial navigation system (INS). A critical part of the Tomahawk land-attack missile guidance system using external updates from terrain contour-matching, digital scene-matching area correlation, and/or global positioning system to provide continuous data to the missile guidance system to compute heading, altitude, and speed required to fly the missile along its planned route. Also see DOD Dictionary (JP 1-02).

infiltration. In special operations, infiltration is presumed to be the undetected movement of forces through or into a target area. Also see DOD Dictionary (JP 1-02).

influence field. The distribution in space of the influence of a ship or minesweeping equipment.

information request (INREQ). A message request for information about an unreported or overdue aircraft in U.S. domestic airspace. Corresponds to the declaration of the uncertainty phase.

infrared signature. The sum of all heat sources (mechanical, electrical, and solar), such as engine exhaust, gear boxes, reflection from windows and windshields, reflective paint, and lights.

inhibit. In Tomahawk land-attack missile operations, the automatic prevention of an ordered action (e.g., assign waypoint, assign mission, and launch) while a condition exists that would cause missile or capsule design limits to be exceeded.

initial approach. The beginning of a landing during which the helicopter transitions from the en route flight profile by adjusting altitude and airspeed along a selected flight path to arrive at a point from which the final approach can be commenced to effect a landing or hovering flight.

initial issues. The issue of materiel not previously furnished to an individual or organization, including to new inductees and newly activated organizations, and the issue of newly authorized items of materiel.

initial photo interpretation report. A first-phase interpretation report, subsequent to the Joint Tactical Air Reconnaissance/Surveillance Mission Report, presenting the results of the initial readout of new imagery to answer the specific requirements for which the mission was requested.

initial point (IP). In mine warfare operations, a preselected point on the surface of the Earth that is used as a reference. Also see DOD Dictionary (JP 1-02).

initial position error (X). The estimated probable error of the initial position(s) at the beginning of a drift interval.

initial response team (IRT). In naval coastal warfare, a composite team of active duty personnel and Selected Reserves from a naval coastal warfare unit, available for short-notice deployments in support of crisis response situations. The size of an initial response team varies with the requirement.

initial safety inspection. A safety measure taken at the outset of every Coast Guard law enforcement boarding.

inner defense zone (IDZ). (NATO) A circle around each aircraft carrier used to coordinate fighter and missile engagements.

inner defense zone coordinator (IDZC). (NATO) The tactical display system tasked to coordinate fighter and missile engagements within the inner defense zone.

insertion. 1. Placement of troops and equipment into an operational area in air assault operations. (MCRP 5-12C) 2. Placement of observation posts, patrols, or raiding parties by helicopter, parachute, watercraft, or other means. Stealth is normally desired in the execution of an insertion. (MCRP 5-12C)

inshore area. The water area adjacent to a land mass in which the proximity and contour of the bottom or the nearby coastline influence and limit the effectiveness of deep-water assets and systems. This area normally extends seaward to a fixed distance established by the area commander as necessary to protect assets located in ports, harbors, approaches, amphibious objective areas, choke points, straits, and roadsteads from surface and subsurface threats.

inshore boat unit (IBU). A deployable, armed, small craft unit that provides small craft security support for naval coastal warfare operations.

inshore undersea warfare (IUW). Operations conducted with the objective of denying the enemy the effective use of the inshore area.

inspection. Examinations for compliance with applicable laws and regulations. Also see DOD Dictionary (JP 1-02).

installation. A grouping of facilities, located in the same vicinity, which support particular functions. Installations may be elements of a base.

installation commander. The individual responsible for all operations performed by an installation.

integrated operations. (NATO) Operations under which a designated unit is attached to a specific task force/group under tactical command and tactical control of the officer in tactical command of the specified task force/group. Upon receiving tactical command, the officer in tactical command assumes responsibility for all operations and safety of the assigned unit. Operational control remains with the assigning authority.

integrated strike. A simultaneous attack by a Tomahawk land-attack missile and tactical air in which ordnance impact time can be critical to the successful completion of the strike, while striving for a synergistic effect between

the Tomahawk land-attack missile and tactical air.

intelligence preparation of the operational environment (IPOE). An analytical methodology employed to reduce uncertainties concerning the enemy, environment, and terrain for all types of operations. Intelligence preparation of the operational environment builds an extensive database for each potential area in which a unit may be required to operate. The database is then analyzed in detail to determine the impact of the enemy, environment, and terrain on operations and presents it in graphic form. Intelligence preparation of the operational environment is a continuing process.

intent to launch (ITL). The signal from the weapons control system to the missile that activates the missile battery and arms the booster.

intercept. 1. To detect and identify enemy aircraft beyond visual range by day methods or by all-weather and night methods. 2. To detect and identify distant electronic signals.

intercept zone. The outermost area of a security zone. Normally extends from the outer edge of the reaction zone away from the high-value asset an additional 1000 yards.

intercepting search. (NATO) A type of search designed to intercept an enemy whose previous position is known and the limits of whose subsequent course and speed can be assumed.

intercount dormant period. In naval mine warfare, the period after the actuation of a ship counter before it is ready to receive another actuation.

interference. Any electromagnetic disturbance that interrupts, obstructs, or otherwise degrades or limits the effective performance of electronics or electrical equipment.

interlook dormant period (ILDPA). In mine warfare, the time interval after each look in a multilook mine, during which the firing mechanism will not register.

intermittent arming device. A device included in a mine so that it will be armed only at set times.

internal wave. A wave that occurs in the ocean medium either at a surface of density discontinuity (as in fronts) or at the boundary between the mixed layer and the thermocline.

international maritime satellite (INMARSAT). A system of geo-stationary satellites for worldwide mobile communications services, and which support the Global Maritime Distress and Safety System and other emergency communications systems.

Internet protocol (IP). The manner in which data is transferred from one network node to another, generally computer-to-computer digital communications.

interoperability. The ability of forces to provide and accept services to/from other forces and operate effectively together. Also see DOD Dictionary (JP 1-02).

intratheater traffic. Traffic within a theater.

intrusion. The intentional insertion of electromagnetic energy into transmission paths in any manner with the objective of deceiving the operators or of causing confusion. Also see DOD Dictionary (JP 1-02).

isothermal. In underwater acoustics, temperature that is equal or constant with respect to space or time; there is no increase or decrease in temperature with depth.

issue. The process of transferring conventional ammunition from one activity to another activity or to conventional ammunition users.

jet stream. A narrow band of high-velocity wind in the upper troposphere or in the stratosphere.

jettison. The selective release of stores from an aircraft other than by normal attack.

jettisoning. In naval mine warfare, laying mines as quickly as possible in order to empty the minelayer of mines, without regard to their condition or relative positions.

joining (aircraft). (NATO) The procedure whereby an aircraft commander transfers tactical control of his aircraft to the officer in tactical command.

joining (ships). (NATO) A ship or group of ships which have sailed independently and subsequently rendezvous with a main body or convoy.

joint action area (JTAA). A waterspace management area in which a single friendly submarine is operating in coordination with air and/or surface forces. Air and surface antisubmarine attacks are prohibited throughout the joint action area unless a no attack area has been established by the submarine or permission to attack is obtained from a specified on-scene coordinating authority working with the submarine.

Joint Chiefs of Staff (JCS). Staff within the Department of Defense that consists of the Chairman, who is the presiding officer thereof but who has no vote; the Chief of Staff, United States Army; the Chief of Naval Operations; the Chief of Staff, United States Air Force; and the Commandant, United States Marine Corps. The principal military advisers to the President, the National Security Council, and the Secretary of Defense.

joint hazard classification system (JHCS). The authoritative source, within DOD, for hazard classification of conventional ordnance.

joint integrating concept (JIC). A description of how a joint force commander integrates functional means to achieve operational ends. It includes a list of essential battlespace effects (including supporting tasks, measures of effectiveness, and measures of performance) and a concept of operations for integrating these effects together to achieve the desired endstate.

joint logistics commanders (JLC). A group of three-star flag and general officers who have the authority to act for their individual services to make logistics decisions that impact all of DOD.

Joint Maritime Command Information System (JMCIS). The primary afloat command and control intelligence tactical information management system, with user-selectable tactical decision aids to process and display data from national, regional, and organic sensors or sources on friendly, hostile, and neutral forces.

joint maritime operations (JMO). Maritime operations performed with maritime capabilities/forces, and other forces assigned, attached, or made available, in support of the joint force commander's operation or campaign objectives or in support of other components of the joint force.

joint monthly readiness review (JMRR). An assessment of the ability of the inventory (combat-usable assets) to meet both peacetime and wartime requirements per nonnuclear ordnance requirements.

joint ordnance commanders group (JOCG). A group chartered by the joint logistics commander to provide oversight of military munitions and weapons systems. Oversight includes identifying and recommending implementation of joint sponsorship or management to reduce cost, increase effectiveness, and ensure interoperability of munitions systems.

Joint Tactical Information Distribution System (JTIDS). A secure antijam point-to-point information distribution system used by all services to provide the big picture. JTIDS platforms can exchange location for friendly, hostile, and neutral platforms and navigation information. Terminals are flexible and can limit the amount of information relayed or received.

jurisdiction. The government's right to exercise legal authority over its persons, vessels, and territory. Within the context of maritime law enforcement, jurisdiction is comprised of three elements: substantive law, vessel status/flag, and location.

kill line. (NATO) The kill line is a line around nominated friendly forces, promulgated by the officer in tactical command/principal warfare commander, stating the range by which it is desired that the enemy has been engaged.

knowledge superiority. The ability to achieve a real-time, shared understanding of the battlespace at all levels through a network that provides the rapid accumulation of all the information that is needed — and the dissemination of that information to the commander as the knowledge is needed — to make a timely and informed decision inside any potential adversary's sensor and engagement timeline.

L-hour. In amphibious operations, the time at which the first helicopter of the helicopter-borne assault wave touches down in the landing zone. Also see DOD Dictionary (JP 1-02).

ladder. A succession of salvos fired with known and predetermined changes between the salvos, to ensure early establishment of a hitting gun range and deflection in surface fire, to serve as a yardstick for covering an area target, or to increase pattern size.

lame duck. (NATO) An aircraft in a minor state of emergency resulting from ordnance or radio failure, oxygen leak, or other cause.

landfall. In Tomahawk land-attack missile operations, the point at which the missile crosses the coastline and begins overland flight.

large ship. (NATO) A ship of over 137 metres (or 450 feet) in length. Related term: small ship.

laser target designating system. A system which is used to direct (aim or point) laser energy at a target. The system consists of the laser designator or laser target marker with its display and control components necessary to acquire the target and direct the beam of laser energy thereon.

last known position (LKP). Last witnessed, reported, or computed dead reckoning position of a distressed craft.

lateral spread. A technique used to place the mean point of impact of two or more units 100 meters apart on a line perpendicular to the gun-target line.

launch area. In Tomahawk land-attack missile operations, the area for which a launch area coordinator is responsible and which may include the waterspace used by the assigned firing units and the surrounding airspace.

launch area coordinator (LAC). The Tomahawk strike coordinator's principal deputy, responsible for leading the Tomahawk land-attack missile launch platforms through execution of the Tomahawk land-attack missile strike by coordinating on-scene requirements and making consolidated reports to the Tomahawk strike coordinator.

launch area deconfliction. In Tomahawk missile operations, measures and procedures established to prevent or resolve interference between Tomahawk firing units and other activity in a common area in which a Tomahawk land-attack missile is launched.

launch basket. The area from which a Tomahawk land-attack missile may be launched to execute a mission.

launch control system (LCS). A vertical launch system support system that provides the interface between the surface ship weapons control system and the vertical launch system. The system utilizes a pair of AN/UYK-20 or AN/UYK-44 computers, depending upon the individual ship's configuration.

launch time (LT). An engagement plan calculation by the weapons control system for time-of-arrival and time-on-target plans and an operator input for time-of-launch plans. Also see DOD Dictionary (JP 1-02).

launch time latest (LTL). An operator entry for an engagement plan that defines the time at which the surface ship weapons control system will initiate a Cancel Plan order for a plan that has not been launched. The maximum time is 238 minutes.

launch time preferred (LTP). A calculation by the surface ship weapons control system in engagement planning that specifies the launch time recommended for use with a preferred launch position.

launch window. A time interval that defines the period in which a surface ship weapons control system intends to launch a Tomahawk land-attack missile on a particular engagement plan. The launch window is calculated from launch time earliest until some operator-entered launch time latest, which may be as late as 238 minutes after the launch time calculated for the plan. Also see DOD Dictionary (JP 1-02).

law enforcement unit. A Coast Guard cutter, Navy ship, or boat from either service involved in counterdrug, alien migrant interdiction operations, or other law enforcement activity.

lay leader. A volunteer appointed by the commanding officer and supervised and trained by the command chaplain to serve for a period of time to meet the needs of a particular religious faith group when their military chaplains are not available. The lay leader may conduct services, but may not exercise any other activities usually reserved for the ordained clergy. See also command chaplain; combatant command chaplain; religious support; religious support plan; religious support team.

lay reference number (LRN). In naval mine warfare, a number allocated to an individual mine by the minefield planning authority to provide a simple means of referring to it.

layer depth. 1. The depth of the lower edge of the surface layer; that is, the top of the thermocline. 2. The depth of maximum sound speed near the surface.

layer effect. When sound passes through a layer in which little or no bending of the ray path occurs and then passes into a layer with a strong negative gradient (causing sharp downward bending of the ray), increased spreading occurs, with a consequent loss of sound intensity.

leeway (LW). The movement of a search object through water caused by winds blowing against exposed surfaces.

letter of instruction (LOI). Used in the higher echelons of military service to convey broad aims and strategic plans or general policy guidance of an operational nature not suited for promulgation in an operation plan or order. It has the same authority as an operation plan or order.

level I threat. In Joint security, threats comprising agents, saboteurs, sympathizers, and terrorists that can be responded to with unit, base, and base cluster self-defense measures.

level II threat. In Joint security, threats from small tactical units, unconventional warfare forces, and guerrillas that can be responded to with self-defense measures and response forces with supporting fires.

level III threat. In Joint security, threats from large tactical force operations, including airborne, heliborne, amphibious, infiltration, and major air operations that may have to be responded to with the timely commitment of a tactical combat force.

liaison interpretation. (NATO) A mode of interpretation in which short segments of speech are translated orally from one language to another after they have been uttered.

lighterage control officer (LCO). The Navy officer or chief petty officer responsible to the offload control officer for controlling lighterage assigned to that ship for offload.

limited access area. Areas defined in the port, facility, terminal area, or activity boundaries and used to restrict or control movement of vessels, vehicles, persons, or objects within these areas. The establishment of any limited access area requires public rulemaking and publication in the Federal Register.

limited war. Armed conflict short of general war, exclusive of incidents, involving the overt engagement of the military forces of two or more nations.

limiting ray. In underwater acoustics, the sound ray that becomes tangent at the depth where the sound speed is at maximum; it delimits the outer boundary of direct (before reflection) sound rays.

line. (NATO) A formation in which ships are formed along a straight line extending in any direction from the line guide but not directly ahead or astern.

line abreast. (NATO) A line in which ships form directly abeam of the line guide.

line guide. (NATO) When ships are formed in a multiple line formation, the line guide is the ship occupying the station in her own line that corresponds to that of the guide in the guide's line or, within any line in which no ship occupies the corresponding station, the ship designated by the officer in tactical command.

line of bearing. (NATO) A line in which ships form in a straight line on a line guide in any direction except ahead, astern, or abeam.

line of contact. A general trace delineating the location where two opposing forces are engaged. (MCRP 5-12C)

link (communications). (NATO) A general term used to indicate the existence of communications facilities between two points.

littoral. In naval operations, that portion of the world's land masses adjacent to the oceans within direct control of and vulnerable to the striking power of sea-based forces. Also see DOD Dictionary (JP 1-02).

live period. In multilook mines, the maximum time interval after the first look during which additional looks will be accepted to satisfy all of the subsequent looks and mine logic to cause an actuation.

live shipment. In Military Sealift Command support of amphibious operations, vehicles with gasoline in their tanks (usually three-fourths full) and battery cables connected.

load classification number (LCN). A number expressing the relative effect of an aircraft on a pavement system or the bearing strength of a pavement.

localization. The process of reducing the general area of a contact to an approximate geographic area or fixed position.

logistics and support unit (LOGSU). Provides administrative, maintenance, logistical, and medical support to a naval special warfare group and its subordinate SEAL teams.

logistics combat element (LCE). The core element of a Marine air-ground task force that is task-organized to provide the combat service support necessary to accomplish the Marine air-ground task force's mission. The logistics combat element varies in size from a small detachment to one or more Marine logistics groups. It provides supply, maintenance, transportation, general engineering, health services, and a variety of other services to the Marine air-ground task force. In a joint or multinational environment, it may also contain other Service or multinational forces assigned or attached to the Marine air-ground task force. The logistics combat element itself is not a formal command. (MCRP 5-12C)

logistics readiness center (LRC). The primary access point to communication and operational information for all logistics and reception, staging, onward movement, and integration functions.

logistics role specialist nation. See logistic role specialist nation.

Logistics Task Force Commander (CTF X3). Person designated by the fleet commander to coordinate all logistics within the fleet.

look. In mine warfare, a period during which a mine circuit is receptive of an influence.

loose line abreast. (NATO) A formation in which ships stay within 15° of the guide or ship indicated relative to the base course.

loose line of bearing. (NATO) A line of bearing assumed on the basis of either a true or relative line of bearing in which ships stay within 15° of the bearing or its reciprocal.

loose line of column. (NATO) An approximate line of bearing within 15° of column in which distance may be increased to reduce yawing.

loss prevention. Part of an overall command security program dealing with resources, measures, and tactics devoted to care and protection of property on an installation.

low-intensity conflict (LIC). Political/military confrontation between contending states or groups, below conventional war and above routine peaceful competition among states. It frequently involves protracted struggles of

competing principles and ideologies. Low-intensity conflict ranges from subversion to the use of armed force. It is waged by a combination of means employing political, economic, informational, and military instruments. Low-intensity conflicts are often localized, generally in the Third World, but contain regional and global security implications.

low-order detonation. A detonation in which the reaction is less than total and/or the reaction is at less than maximum velocity.

low-power satellite. A satellite with less than 30 watts of transponder radio frequency transmitting power.

low-probability intercept equipment. (NATO) An intercept receiver that employs directional antennas and/or variable frequency and that will not detect a transmission unless frequency, direction, and polarization are in correct coincidence with the victim at the instant of transmission.

luminance. The amount of light per unit area reflected from or emitted by a surface. Although this measurement is frequently called brightness, strictly speaking brightness is influenced by contrast, adaptation, and other factors besides the physical energy in the stimulus.

M-day. The term used to designate the unnamed day on which full mobilization commences or is due to commence. Also see DOD Dictionary (JP 1-02).

made available. Forces assigned and/or attached to a joint force service or functional component commander.

magnetic anomaly detection (MAD). The detection of magnetic materials through the distortions they produce in the normal magnetic field of the Earth.

magnetic anomaly detector (MAD). A device deployed by aircraft to locate a ship or submarine by detecting the distortion in Earth's magnetic field caused by the passage of the large metallic hull through the field.

magnetic signature. The characteristic pattern of magnetic fields produced by a ship as it moves through Earth's magnetic field.

main body. (NATO) Any group of warships and naval auxiliaries, or a single ship escorted by warships and/or aircraft, and not designated a convoy.

main effort. The designated subordinate unit whose mission at a given point in time is most critical to overall mission success. It is usually weighted with the preponderance of combat power and is directed against a center of gravity through a critical vulnerability. (MCRP 5-12C)

main thermocline. The layer of water between the surface layer and the deep layer; it is characterized by a negative sound speed gradient. Also known as the permanent thermocline.

maintenance and material management system (3M). A maintenance tracking system that ties in supply with maintenance. It tracks the repairs needed and coordinates preventative maintenance and repairs with supplies. It also sets up schedules for preventative maintenance and needed repairs.

Maintenance Data System (MDS). A basic element of the maintenance and material management system program, designed to provide a means of recording maintenance actions in substantial detail so that a great variety of information may be retrieved concerning maintenance requirements and equipment performance. In addition to recording maintenance actions performed, the system provides data concerning the initial discovery of the

malfunction, how equipment malfunctioned, how many man-hours were expended, which equipment was involved, what repair parts and materiel were used, what delays were incurred, the reasons for delay, and the technical specialty or rating that performed the maintenance.

maintenance engineering. The application of techniques, engineering skills, and effort, organized to ensure that the design and development of weapon systems and equipment provide adequately for their effective and economical maintenance.

maintenance support team (MST). A group of technical specialists who deploy with a special boat detachment to provide maintenance and repair support.

major claimant. Senior in the chain of command delegated by Chief of Naval Operations to exercise primary management of resources. Echelon II commands. For ordnance management, major claimants are the activities authorized to participate in the training and testing requirement/noncombat expenditure allocation process and receive and suballocate naval ordnance.

maneuverability. The capability of an airframe to be controlled about the pitch, roll, and yaw axes.

maneuvering interval. (NATO) When similar ships are formed in a multiple line formation, maneuvering interval is the sum of the standard distances in the longest line, plus one standard distance; with dissimilar ships, it is the sum of the standard distances in the longest line, plus the longest standard distance in any line, including the only ship in a line if the standard distance for that ship is larger than that of any other ship present.

maneuvering target statistical tracker (MTST). A Kalman filter tracking algorithm projecting the movement and areas of uncertainty of contacts in the force over-the-horizon track coordinator database. MTST is a feature of the weapons control systems on surface ships and submarines.

map exercise. An exercise in which a series of military situations is stated and solved on a map.

map overflight probability (MOP). The probability that a Tomahawk land-attack missile will successfully overfly the first terrain contour-matching map on a mission.

marginal ice zone (MIZ). The transition region between the solid ice pack and the open seas in polar regions. A region of high ambient noise across a wide frequency spectrum.

Marine air-ground task force (MAGTF). The Marine Corps' principal organization for all missions across the range of military operations, composed of forces task-organized under a single commander capable of responding rapidly to a contingency anywhere in the world. The types of forces in the Marine air-ground task force are functionally grouped into four core elements: a command element, an aviation combat element, a ground combat element, and a logistics combat element. The four core elements are categories of forces, not formal commands. The basic structure of the Marine air-ground task force never varies, though the number, size, and type of Marine Corps units comprising each of its four elements will always be mission dependent. The flexibility of the organizational structure allows for one or more subordinate Marine air-ground task forces to be assigned. In a joint or multinational environment, other Service or multinational forces may be assigned or attached. (MCRP 5-12C)

Marine air-ground task force offload liaison team (MOLT). A task organization assigned to both the offload preparation party and the offload control unit to assist in communicating the Marine air-ground task force commander's warfighting and offload priorities, and to provide technical supervision and direction on Marine Corps offload preparation party and debarkation matters. (MCRP 5-12C)

Marine expeditionary brigade (MEB). A Marine air-ground task force that is constructed around an infantry regiment reinforced, a composite Marine aircraft group, and a combat logistics regiment. The Marine expeditionary brigade, commanded by a general officer, is task-organized to meet the requirements of a specific situation. It can function as part of a joint task force, as the lead echelon of the Marine expeditionary force, or alone. It varies in size and composition and is larger than a Marine expeditionary unit but smaller than a Marine expeditionary force. The Marine expeditionary brigade is capable of conducting missions across the full range of military operations. In a joint or multinational environment, it may also contain other Service or multinational forces assigned or attached to the Marine air-ground task force. (MCRP 5-12C) Also see DOD Dictionary (JP 1-02).

Marine expeditionary force (MEF). The largest Marine air-ground task force and the Marine Corps' principal warfighting organization, particularly for larger crises or contingencies. It is task-organized around a permanent command element and normally contains one or more Marine divisions, Marine aircraft wings, and Marine logistics groups. The Marine expeditionary force is capable of missions across the range of military operations, including amphibious assault and sustained operations ashore in any environment. It can operate from a sea base, a land base, or both. In a joint or multinational environment, it may also contain other Service or multinational forces assigned or attached to the Marine air-ground task force. (MCRP 5-12C)

Marine expeditionary unit (MEU). A Marine air-ground task force that is constructed around an infantry battalion reinforced, a composite squadron reinforced, and a task-organized logistics combat element. It normally fulfills Marine Corps' forward sea-based deployment requirements. The Marine expeditionary unit provides an immediate reaction capability for crisis response and is capable of limited combat operations. In a joint or multinational environment, it may contain other Service or multinational forces assigned or attached to the Marine air-ground task force. (MCRP 5-12C)

Marine logistics group (MLG). The logistics combat element of the Marine expeditionary force. It is a permanently organized command tasked with providing combat service support beyond the organic capabilities of supported units of the Marine expeditionary force. The Marine logistics group is normally structured with direct and general support units, which are organized to support a Marine expeditionary force possessing one Marine division and one Marine aircraft wing. The Marine logistics group may also provide smaller task-organized logistics combat elements to support Marine air-ground task forces smaller than a Marine expeditionary force. (MCRP 5-12C)

marine mammal system (MMS). The employment of marine mammals by explosive ordnance disposal forces in locating, marking, and recovering underwater objects, and in conducting mine countermeasures and other special operations.

maritime defense zone commander. One of the U.S. Navy echelon three commands, Maritime Defense Zone Atlantic and Maritime Defense Zone Pacific, responsible to their respective fleet commander for naval coastal warfare operations. Note: In Joint Chiefs of Staff rules of engagement, a geographic area for specified maritime military operations conducted outside the United States is referred to as a maritime defense zone, but is not related to Maritime Defense Zone Atlantic and Maritime Defense Zone Pacific as described in the previous sentence.

maritime homeland security (MHS). A Federal law enforcement mission carried out by domestic law enforcement authorities, including the Coast Guard, and conducted in accordance with settled law enforcement procedures, the Maritime Law Enforcement Manual, COMDTINST M16247.1 (series), and other applicable law enforcement policies. Department of Defense personnel may assist non-Department of Defense law enforcement authorities with maritime homeland security law enforcement missions in accordance with Federal law and applicable Department of Defense and Coast Guard regulations and policies. Maritime homeland security does not include the physical security

of Coast Guard units and property, which shall be conducted in accordance with the Physical Security and Force Protection Program, COMDTINST M5530.1 (series).

maritime interception operations commander (MIOC). Under the composite warfare commander concept, the officer assigned some or all of the officer in tactical command's detailed responsibilities for maritime interception operations and granted the tactical control authority to accomplish the assigned missions and tasks.

maritime operations center (MOC). 1. The collective name for the boards, bureaus, cells, centers, and working groups that execute the maritime headquarters maritime operations functions. 2. A physical space in the maritime headquarters that is principally used for the monitoring, assessing, planning, and direction of current operations.

maritime pre-positioning equipment and supplies (MPE/S). Unit equipment and sustaining supplies associated with a Marine air-ground task force and a Navy support element that are deployed on maritime pre-positioning ships. (MCRP 5-12C)

maritime pre-positioning force (MPF). A task organization of units under one commander formed for the purpose of introducing a Marine air-ground task force and its associated equipment and supplies into a secure area. The maritime pre-positioning force is composed of a command element, a maritime pre-positioning ships squadron, a Marine air-ground task force, and a Navy support element. (MCRP 5-12C)

maritime pre-positioning ships squadron (MPSRON). A group of civilian-owned and civilian-crewed ships chartered by Military Sealift Command loaded with pre-positioned equipment and 30 days of supplies to support up to a maritime pre-positioning force Marine air-ground task force. (MCRP 5-12C)

maritime security operations (MSO). Those operations to protect maritime sovereignty and resources and to counter maritime-related terrorism, weapons proliferation, transnational crime, piracy, environmental destruction, and illegal seaborne immigration.

maritime special-purpose force (MSPF). A task-organized force formed from elements of a Marine expeditionary unit (special operations capable) and naval special warfare forces that can be quickly tailored to a specific mission. The maritime special-purpose force can execute on short notice a wide variety of missions in a supporting, supported, or unilateral role. It focuses on operations in a maritime environment and is capable of operations in conjunction with or in support of special operations forces. The maritime special-purpose force is integral to and directly relies upon the Marine expeditionary unit (special operations capable) for all combat and combat service support.

maritime support request. A request submitted by the maritime service components and subordinate commanders to the joint force maritime component commander for support assets.

mark. 1. A means of visually identifying a target, usually used in close air support. 2. To lay a navigational reference to mark the location of a contact.

mass rescue operation (MRO). Search and rescue services characterized by the need for immediate response to large numbers of persons in distress, such that the capabilities normally available to search and rescue authorities are inadequate.

master mission library (MML). The compilation of combatant command (command authority)-approved Tomahawk land-attack missile missions maintained by the cruise missile support activities; the library of all missions resident on the mission distribution system.

material conditions. The progressive steps through which ships attain the battle condition (ZEBRA) to provide maximum practicable watertight, fire-tight, and fume-tight integrity. All combatant ships are three-condition ships: XRAY (lowest degree of protection), YOKE, and ZEBRA (highest degree of protection).

material torpedo countermeasures. (NATO) Noise reduction methods, decoys, noisemakers, jammers, degaussing equipment, and so forth, designed to reduce the effectiveness of torpedoes once they have been fired.

material pipeline. The quantity of an item required in the worldwide supply system to maintain an uninterrupted replacement flow.

maximum sonar speed. (NATO) The maximum speed at which an individual ship can proceed without unacceptably degrading its sonar performance.

maximum speed. (NATO) The highest speed at which a ship is capable of proceeding when using full power.

maximum standoff range (MAXSOR). The furthest range from the first preplanned waypoint from which a Tomahawk land-attack missile can be launched on a mission, as defined by the mission planner. Maximum standoff range is fuel exhaustion less the fuel reserve retained by the mission planner for the mission.

MCSFB. Marine Corps security force battalion

meaconing, intrusion, jamming and interference (MIJI). Any military actions in the electromagnetic spectrum described by meaconing, intrusion, jamming, or interference.

MEADOW. A static submarine haven effective only during the period, and in the area, that operation GRASSHOPPER is in effect.

mean line of advance. In naval usage, the direction expected to be made good over a sustained period.

mean sea level (MSL). The average height of the surface of the sea for all stages of the tide; used as a reference for elevations.

mechanical sweeping. The countering of mines by physically contacting the mine cases or by severing the mooring cables.

median detection range (MDR). In underwater acoustics, the range at which there is a 50-percent chance of detecting a particular target with a particular figure-of-merit and propagation-loss profile. It is the range where the figure-of-merit line first intersects the propagation-loss curve.

medical advice, usually by radio (MEDICO). Exchange of medical information and recommended treatment for sick or injured persons where treatment cannot be administered directly by prescribing medical personnel.

medical civic action program (MEDCAP). A medical outreach program provided ashore to augment host nation health care services including primary care, immunizations, dermatology, optometry, pharmacy, biomedical repair, and minor surgery.

medical evacuation (MEDEVAC). 1. Refers to Army, Navy, Marine Corps, and Coast Guard patient movement using designated tactical or logistic aircraft, boats, ships, and other watercraft temporarily equipped and staffed with medical attendants for en route care. (NWP 4-02) 2. The timely, efficient movement and en route care by medical personnel of wounded, injured, and ill persons, from the battlefield and other locations to medical treatment facilities.

Medical evacuation refers to both ground and air assets. (NTTP 4-01.3)

medical regulating control center (MRCC). The coordination center for movement of casualties within and out of a naval task force. Normally located with the flagship, the medical regulating control center is supervised by the medical regulating control officer.

medical regulating control officer (MRCO). A medical administrative officer or senior enlisted person from the health service support staff of the amphibious task force who directs and supervises the operation of the medical regulating team, is net control for the medical regulating network, and maintains liaison with the Joint/Theater Patient Movement Requirements Center. The medical regulating control officer also keeps the amphibious task force and landing force surgeons and the Joint/Theater Patient Movement Requirements Center informed on the current status and operations of patient movement within the task force.

medical regulating network (MEDREGNET). The formal radio communication network for the medical regulating system. The success of the medical regulating system depends upon reliable communications over dedicated and parallel systems. Both the commander, amphibious task force medical regulating control officer and the commander, landing force patient evacuation officer must have the same dedicated radio communications network. This is coordinated by the amphibious task force communications officer and the landing force communications–electronics officer ensuring that communication requirements for the medical regulating system are addressed in all operation orders/operation plans. The primary purpose of the medical regulating network is to provide a means of rapid communications between the medical regulating control officers, medical regulating teams, and the Joint/Theater Patient Movement Requirements Center. This ensures a constant flow of current capability information between medical treatment facilities and control agencies.

medical regulating team (MRT). A team of medical regulators and Navy or Marine Corps radio operators assigned to mobile or fixed medical treatment facilities, under the direct supervision of a medical regulating officer. The team receives and maintains information regarding the health service support capabilities of the medical treatment facilities within the amphibious area of operations and coordinates the regulation of casualties under their cognizance. Within the landing force, this team is called the patient evacuation team.

memorandum of agreement (MOA). An “action officer precise” document that details the same actions and responsibilities as an inter-Service support agreement but is not considered a funding document.

memorandum of understanding (MOU). A document that specifies actions and responsibilities to be performed by the provider and receiver but only in general terms. Where applicable, a memorandum of understanding should be backed by an inter-Service support agreement.

mental health provider (MHP). Licensed independent providers credentialed and authorized (privileged) to provide formal mental health services without supervision. Typically, professions filling this role include psychiatrists, psychologists, licensed clinical social workers, and mental health clinical nurse practitioners.

mercantile convoy. (NATO) A convoy consisting of merchant ships controlled by the Naval Control of Shipping Organization.

military capability. The ability to achieve a specified wartime objective (i.e., win a war or battle, destroy a target set). It includes four major components: force structure, modernization, readiness, and sustainability.

Military Intelligence Integrated Data System/Integrated Database (MIIDS/IDB). The source for installation names used to designate targets for Tomahawk land-attack missile and tactical air.

military ordinary mail (MOM). A special military airlift service for ordinary official mail being sent to, from, or between overseas areas.

military postal clerk. A person of the U.S. Armed Forces officially designated to perform postal duties.

military situation. A situation involving any action by a foreign military or subversive force that intentionally poses a clear and present danger to the security of the United States or any of its forces, territories, or possessions. The hostile forces must use, have used, or threaten to use deadly force.

military standard (MIL-STD). A prescribed engineering method or related practice that, when referenced in a contract, becomes a mandatory procedure for suppliers to follow in furnishing material to the military. An example is MILSTD-100 (Engineering Drawing Practices).

MILSTAMP. military standard transportation and movement procedures

mine density. The number of mines per square nautical mile.

mine disposal. The operation by suitably qualified personnel designed to render safe, neutralize, recover, remove, or destroy mines.

mine neutralization. An action using external means to render a mine incapable of detonating upon the passage of a target, although it may remain dangerous to handle.

mine warfare commander (MIWC). Under the composite warfare commander concept, the officer delegated some or all of the officer in tactical command's detailed responsibilities for mine warfare and granted the tactical control authority to accomplish the assigned missions and tasks.

mine warfare forces (naval). Navy forces charged with the strategic, operational, and tactical use of naval mines and their countermeasures. Such forces are capable of offensive and defensive measures in connection with laying and clearing mines.

mineable waters. Waters where naval mines of any given type may be effective against any given target.

mined area. An area declared dangerous due to the presence or suspected presence of mines.

minefield activation. An occurrence wherein the first mine of the field becomes armed.

minefield clearance. An operation designed to remove all mines from an area.

minehunting. (NATO) Techniques for countering mines by mine hunters, based on determining the positions of individual mines and concentrating countermeasures on those positions (includes mine location and disposal).

minewatching. In naval mine warfare, the mine countermeasures procedure to detect, record and, if possible, track potential minelayers and to detect, find the position of, and/or identify mines during the actual minelaying.

minimum essential equipment. That part of authorized allowances of Army equipment, clothing, and supplies needed to preserve the integrity of a unit during movement without regard to the performance of its combat or service mission. Items common within this category will normally be carried by or accompany troops to the port and will be placed aboard the same ships as the troops. As used in movement directives, minimum essential equipment refers to specific items of both organizational and individual clothing and equipment.

- minimum standoff range (MINSOR).** The minimum distance between the launch point and the first preplanned waypoint for the mission. Minimum standoff range provides enough distance for the Tomahawk land-attack missile to complete the transition to cruise and to achieve the altitude ordered for the first downrange waypoint.
- mining.** One of two distinct subdivisions of mine warfare, mining embraces all methods whereby naval mines are used to inflict damage on adversary shipping to hinder, disrupt, and deny adversary sea operations.
- missile danger zone.** (NATO) The area which the submarine must enter in order to be within maximum effective firing range of its missiles.
- missile deconfliction.** In Tomahawk missile operations, measures and procedures established to prevent interference and fratricide among Tomahawk missiles between their launch positions and their intended aim points.
- missile initialization.** Prelaunch functions that apply power to a missile, execute built-in tests, and load the operational flight software and mission data. Initialization is immediately followed by alignment.
- missile mission matching (M3).** The process of selecting a missile to match mission requirements that is performed automatically on all surface ships and submarines.
- mission abort damage.** Damage to a target vessel such that it is incapable of performing its primary mission.
- mission coordination area (MCA).** An airspace coordination area in which a command and control aircraft operates. Aircraft desiring to transit this area must coordinate with command and control aircraft in order to ensure deconfliction.
- mission data.** The data elements that are assembled by the weapon control system to program a Tomahawk land-attack missile to attack a specific aimpoint.
- mission data situation report file (MDSRF).** A message generated by the advanced Tomahawk weapons control system operator that reports the command's validated mission database to a mission distribution system. A mission data situation report file reports only the data added by mission data update, building upon the baseline accountability data held by the cruise missile support activity.
- mission data transmit order (MDTO).** The formatting of Tomahawk land-attack missile mission data, grouped as missions, terrain contour-matching maps, digital scene-matching area correlator scenes, and command and control data to be transmitted during an mission data update by mission distribution system.
- mission data update (MDU).** The process of electronically transmitting new mission data from a mission distribution system to units that have already received their mission media devices or digital data storage tapes.
- mission load allowance (MLA).** List of ordnance required to be carried in support of the ship's mission, excluding the ship's own armament. Mission load allowance is generally applicable to aircraft carriers, maritime pre-positioning ships, amphibious warfare ships, destroyers, and submarine tenders.
- mission-essential materiel.** 1. That materiel authorized and available to combat, combat support, combat service support, and combat readiness training forces in order to accomplish their assigned missions. 2. For the purpose of sizing organic industrial facilities, that Service-designated materiel authorized to combat, combat support, combat service support, and combat readiness training forces and activities, including Reserve and National Guard activities, that is required to support approved emergency and/or war plans, and where the materiel is used to: a. destroy the

enemy or the enemy's capacity to continue war; b. provide battlefield protection of personnel; c. communicate under war conditions; d. detect, locate, or maintain surveillance over the enemy; e. provide combat transportation and support of men and materiel; and f. support training functions. Mission-essential materiel should also be suitable for employment under emergency plans to meet the purposes enumerated above.

mixed layer. The upper layer of the ocean that has been mixed by wave action, thus having a uniform temperature throughout the layer..

mixed layer depth (MLD). The point of maximum near-surface temperature.

mobile sensor platform (MSP). A high-mobility multipurpose wheeled vehicle with telescoping radar and other sensors used by a mobile inshore undersea warfare unit.

mobile vehicle inspection team. Security team consisting of two inspectors and a supervisor employed at entry control points as a part of a random antiterrorism measure program.

mobilization planning. The process of preparing for war or other emergencies by which the armed forces or part of them is brought to a state of readiness by assembling and organizing reserve personnel, supplies, and material for active military service.

modernization. Technical sophistication of forces, units, weapon systems, and equipment. Also see DOD Dictionary (JP 1-02).

monostatic. An active sonar or radar for which the source and the receiver are colocated. Also see bistatic and multistatic.

movement report control center. The controlling agency for the entire movement report system. It has available all information relative to the movements of naval ships and other ships under naval control.

movement report system (MOVREP system). A system established to collect and make available to certain commands vital information on the status, location, and movement of flag commands, commissioned fleet units, and ships under operational control of the Navy.

moving haven (MHN). A restricted area established to provide a measure of security to submarines and surface ships in transit through areas in which the existing attack restrictions would be inadequate to prevent attack by friendly forces.

moving mine. The collective description of mines, such as drifting, oscillating, creeping, mobile, rising, homing, and bouquet mines.

multi-Service. Two or more Services.

multi-Service tactics, techniques, and procedures (MTTP). Actions and methods that describe how the forces of two or more services will be employed in joint operations. They are ratified by two or more services and promulgated in publications that identify the participating services, for example, Army-Navy MTTP. MTTP increase interoperability among service war-fighting, staff, and support elements and therefore often require rapid development to maximize war-fighting effectiveness. MTTP supplement joint doctrine and joint tactics, techniques, and procedures, generally providing an increased level of detail. As such, they require frequent revision.

multistatic. An active sonar or radar system consisting of one or more sources and multiple receivers distributed over a large area. Some of the sources and receivers may be collocated. Also see bistatic and monostatic.

muzzle velocity. The velocity of a projectile with respect to the muzzle at the instant the projectile leaves the weapon.

N-day. The unnamed day an active duty unit is notified for deployment or redeployment.

narrowband. In underwater acoustics, signals that have their energy in a small or narrow frequency band. Bands smaller than 1 percent of the center frequency are considered narrow. Narrowband also refers to signal processing equipment that processes bands smaller than 1 percent.

narrowband operation. A communications mode whose essential spectral content is limited to a channel of nominal 5-kHz bandwidth.

National Search and Rescue Committee (NSARC). Established to oversee the National Search and Rescue Plan and to act as a coordinating forum for national search and rescue matters.

National Search and Rescue Plan (NSP). An interagency agreement providing national arrangements for coordination of search and rescue services to meet domestic needs and international commitments.

naval. 1. Of or relating to a navy. 2. The Navy and the Marine Corps and, when operating with the other Services, the Coast Guard.

naval coastal warfare (NCW). Coastal sea control, harbor defense, and port security, executed both in coastal areas outside the United States in support of national policy and in the United States as part of this Nation's defense.

naval coastal warfare group (NCWGRU). Staff units providing both operational and administrative oversight to assigned harbor defense command units. Deployable command and control staff whose core competency is to provide staff elements to a naval coastal warfare commander.

naval construction element (NCE). The principal Navy expeditionary organization for engineer/construction missions. Composed of rapidly deployable engineer forces task-organized under a single commander, the naval construction element performs three core functions: command, construction operations, and combat service support. The number, size, and type of units involved are mission dependent.

Naval Fleet Auxiliary Force (NFAF). Military Sealift Command-provided ships dedicated to fleet operations support.

naval mobile construction battalion (NMCB). An established naval construction unit, trained and equipped for general construction of an advanced base, including buildings, airfields, roads, waterfront structures, utilities, and fuel installations. It is an integral unit in personnel, housing, subsistence, administration, and equipment and is infantry-equipped for defensive warfare.

naval special warfare group (NSWG or NAVSPECWARGRU). A Navy echelon III major command (captain (O-6)) to which continental United States-based naval special warfare forces are assigned. The groups are the sources of all deployed naval special warfare forces and administratively support the naval special warfare units assigned to geographic combatant commanders. The group staffs provide general operational direction and coordinate the activities of subordinate commands. A group is capable of task organizing and deploying as a naval special warfare

task force to meet a wide variety of requirements. Also see DOD Dictionary (JP 1-02).

naval special warfare logistics and support unit (NSW LOGSU). Provides administrative, maintenance, logistical, and medical support to a naval special warfare group and its subordinate SEAL team.

naval special warfare special operations component (NAVSOC). The Navy special operations component of a unified or subordinate unified command or joint special operations task force.

naval special warfare squadron (NSWRON). Administrative term for a provisional organization formed around the core of a SEAL team and commanded by the commanding officer of that SEAL team. A naval special warfare squadron normally consists of three naval special warfare task units and may include special boat detachments, detachments of intelligence, communications, explosive ordnance disposal, information operations, and other combat services support.

naval special warfare support squadron. Provides special operations intelligence collection (intelligence, surveillance, and reconnaissance) and analytical capabilities for each deploying SEAL team squadron and specially trained elements in support of specific geographic combatant commander requirements.

naval special warfare task element (NSWTE). A temporary, task-organized operational component of a naval special warfare task unit, tailored to a specific operational requirement (e.g., all or part of a SEAL team platoon and all or part of a special boat detachment). Also see DOD Dictionary (JP 1-02).

naval special warfare task force (NSWTF). A provisional naval special warfare organization that plans, conducts, and supports special operations in support of joint special operations task force commanders and fleet commanders. It may be the naval component of a joint special operations task force, or its commander may command the joint special operations task force. It is normally commanded by a naval special warfare unit commanding officer or a naval special warfare group commander. It provides command and control of one or more naval special warfare task groups. Within a theater, this may be a standing organization, an organization created to address a unique, emergent operational requirement, or an organization activated only for planning, exercises, or contingencies.

naval special warfare task group (NSWTG). A provisional naval special warfare organization that plans, conducts, and supports special operations in support of joint force special operations component commanders and/or fleet commanders. It comprises a command and control element and one or more subordinate naval special warfare task units. It is often commanded by a SEAL team commander (O-5), normally the commanding officer of a deployed naval special warfare squadron. Also see DOD Dictionary (JP 1-02).

naval special warfare task unit (NSWTU). A provisional naval special warfare organization and subordinate unit of a naval special warfare task group. Normally commanded by a SEAL team lieutenant commander (O-4), a naval special warfare task unit consists of a command and control element, an operational element, and other attachments, e.g., mobility element. Also see DOD Dictionary (JP 1-02).

naval special warfare unit (NSWU). A permanent Navy organization under the combatant command (command authority) of a geographic combatant commander that provides for command and control and support of designated naval special warfare forces under the operational control of that geographic combatant commander. Also see DOD Dictionary (JP 1-02).

Naval Supply Systems Command (NAVSUP or NAVSUPSYSCOM). Provides for and meets those material support requirements of the Department of the Navy within its assigned materiel support responsibility. It provides supply management, with policies, methods, and staff assistance, to the Assistant Secretary of the Navy.

naval vessel protection zone (NVPZ). A 500-yard regulated area of water surrounding large U.S. naval vessels that is necessary to provide for the safety or security of these U.S. naval vessels.

naval warfare. The employment in combat of all naval forces to establish, maintain, and exploit control of the seas and to deny their use to an enemy. Naval warfare consists of a series of naval operations or campaigns.

navigable waters. The surface waters, wetlands, and territorial seas of the United States.

navigation analysis module (NAM). An element of the Tomahawk planning system used to determine the probability of Tomahawk land-attack missile navigational success and to define the parameters for the mission's launch basket.

navigation head. A transshipment point on a waterway where loads are transferred between water carriers and land carriers. A navigation head is similar in function to a railhead or truckhead.

Navy ammunition logistics code (NALC). A four-character code consisting of two alpha and two numeric or four numeric characters. The second character of an alphanumeric NALC is either a "W" or an "X." Navy items are identified by a "W" (e.g., AW02), and Marine Corps items are identified by an "X" (e.g., AX02). The four-digit numeric metric NALC is used to identify certain Navy/Marine Corps Service-unique items (e.g., end round missiles and torpedoes) that do not have Department of Defense identification codes assigned. The NAVSUP P-803, Stock List of Navy Ammunition, contains assigned NALCs.

Navy component commander (NCC). The commander of a naval component assigned or attached to a joint force (unified command) constituted and so designated by the Joint Chiefs of Staff or by a commander of an existing unified command that was established by the Joint Chiefs of Staff.

Navy Expeditionary Logistics Support Group. An active and reserve force capable of delivering expeditionary logistics support to theater commanders in support of national military strategy and providing a wide range of supply and transportation support critical for peacetime support, crisis response, humanitarian, and combat service support missions. (This command is a component of the Navy Expeditionary Combat Command, established by OPNAVNOTE 3111.)

Navy operational functions. Those actions by which the commander achieves unity of effort and builds, projects, and sustains combat power. Their effective application in concert with one another facilitates planning and conduct of naval operations. Functions include force application, battlespace awareness, force management, command and control, net-centric environment, focused logistics, and force protection.

Navy security force (NSF). Armed personnel regularly engaged in law enforcement and security duties involving the use of deadly force and unarmed management and support personnel who are organized, trained, and equipped to protect Navy personnel and resources under Navy authority.

Navy-day. Falls on offload day minus two. It is the day the offload preparation party officer in charge transitions to assume the duty as the offload control unit officer in charge. At this time the Marine officer assigned as the assistant offload preparation party control officer in charge may assume duty as the Marine air-ground task force offload liaison officer. The Navy support element makes final preparations for the offload. (MCRP 5-12C)

near surface (NS). In underwater acoustics, thermal conditions that prevail in upper layers of the ocean.

neat chemical agent. A nondiluted, full-strength (as manufactured) chemical agent. A chemical agent manufactured by the binary synthesis route will also be considered a neat agent regardless of purity.

neutralization. 1. The act of altering chemical, physical, and toxicological properties to render the chemical agent ineffective for use as intended. 2. In mine warfare, a mine is said to be neutralized when it has been rendered, by external means, incapable of firing on passage of a target, although it may remain dangerous to handle.

no attack area (NOTACK). A stationary safe zone established by the submarine for protection against friendly attack while other antisubmarine warfare forces engage submerged contact(s) within a joint action area or submarine-generated search area.

no-strike object. An object that is to be protected against impact or damage to some specified level of probability during the weaponeering and targeting process.

noise level (NL or LN). In underwater acoustics, the acoustic intensity of the total noise background (ambient and self-noise) at the location of the receiving sensor.

nominal ocular hazard distance (NOHD). The distance along the axis of the unobstructed beam from the laser to the human eye, beyond which the irradiance or radiant exposure during normal operation is not expected to exceed the appropriate maximum permissible exposure.

noncombat expenditure allocation (NCEA). The total of all Navy and Marine Corps aviation nonnuclear ordnance items authorized for expenditure for training, testing, operations, and other peacetime uses.

noncompliant vessel. A vessel subject to examination that refuses to heave to after being legally ordered to do so.

nonelectric blasting cap. A metal cylinder filled to approximately two-thirds of its length with small explosive charges—an ignition charge (flash), a priming charge, and a base charge. The end with the unfilled space can be closely fastened (crimped) to a fuze or the coupling base of a firing device. A spit of flame from the firing device or fuze initiates the ignition charge.

nonindigenous species. Any species or viable biological material that enters an ecosystem beyond its historic range, including any such organism transferred from one country to another.

nonnuclear ordnance requirement (NNOR). The nonnuclear ordnance requirement model provides the Navy's baseline input into the DOD Planning, Programming, and Budgeting System. The NNOR, based on the Capabilities Based Munitions Requirements methodology, defines total NNOR as the sum of combatant shipfill, combat expenditures, maintenance pipeline, and training and testing requirements.

normal speed. (NATO) The speed at which ships are to proceed if a signaled speed has not been ordered.

nothing. (NATO) Northward, that is, from bottom to top, reading of grid values on a map.

not ready for issue (NRFI). In naval supply, a term applied to items that are not in a condition to satisfy the purpose for which intended because of failure or damage.

note. Operating procedures, practices, or conditions that require emphasis.

notice. (NATO) The alert state in hours for a ship's propulsion system.

notice of intention (NOI). Normally used for peacetime exercises, the notice of intention issued by submarine operating authority includes the limits of the area, type of operations planned, and duration of an exercise. Published well in advance to all commands whose operations may be affected, the notice of intention is advisory in nature and is followed by appropriate submarine notices, movement orders, or operation orders for actual submarine movement.

nuclear material. Traditionally, uranium or plutonium used to produce a nuclear detonation via the fission or fusion process. The fuel is compressed into a given volume to cause supercriticality. The major products include blast effects, heat, nuclear radiation, and fallout.

nuclear warfare. Warfare involving the employment of nuclear weapons.

obstructor. In naval mine warfare, a device laid with the sole object of obstructing or damaging mechanical minesweeping equipment.

oceanic front. The interface between two water masses having different temperature and/or salinity characteristics. A tactically significant front will have a large effect on sound transmission and propagation loss.

off-axis launch. A launch in which the firing bearing does not match the most direct downrange line of fire. An off-axis launch is not a casualty or the result of a missile error, though it may not have been planned.

offensive mine countermeasures (offensive MCM). Actions taken to prevent an enemy from laying mines, including destruction of mine stockpiles and mining platforms or the placement of mines in friendly waters to thwart the enemy's ability to deliver mines.

offensive minefield. In naval mine warfare, a minefield laid in enemy territorial water or waters under enemy control.

officer conducting the exercise (OCE). (NATO) The officer responsible for the conduct of an allocated part of the exercise from the Blue, Orange and Purple aspects. He will issue necessary supplementary instructions. In addition, he may be an exercise commander.

officer conducting the serial (OCS). (NATO) The officer designated to exercise tactical control over assigned forces for a specific exercise serial.

officer scheduling the exercise (OSE). (NATO) The officer who originates the exercise and then orders it to take place. He will issue basic instructions which will include the designation of exercise areas, the allocation of forces, and the necessary coordinating instructions. He will also designate the officers conducting the exercise.

offload control officer (OCO). The Navy officer responsible to the Navy support element commander for the offload of the maritime pre-positioning ships squadron, the ship-to-shore movement, and the reception and control of lighterage on the beach.

offload day (O-Day). An unnamed day when the maritime pre-positioning force offload commences. (MCRP 5-12C)

offload preparation party (OPP). A temporary task organization of Navy and Marine maintenance, embarkation, equipment operators, and cargo-handling personnel deployed to the maritime pre-positioning ships squadron before or during its transit to the arrival and assembly area to prepare the ship's offload systems and embarked equipment for offload. Also see DOD Dictionary (JP 1-02).

on-scene endurance. The amount of time a facility may spend at the scene engaged in search and rescue activities.

operating target (OPTAR). An estimate of the money required by an operating ship, staff, squadron, or other unit to perform the task and function assigned.

operational and environmental executive steering committee for munitions (OEESCM). Develops overarching DOD policies, procedures, and action plans related to the life-cycle management of munitions to support readiness by balancing operational needs, explosives safety, and environmental stewardship throughout the acquisition, management, use, and disposal of munitions.

operational command (OPCOM). A command authority granted to an allied/multinational maritime commander by a national commander with full command to assign missions or tasks to subordinated commanders, to deploy units, to reassign forces, and to retain or delegate operational control, tactical command, or tactical control as may be deemed necessary. It does not in itself include administrative command or logistical responsibility.

operational control (OPCON). A command authority granted to an allied/multinational maritime commander by a national commander with full command or an allied/multinational maritime commander with operational command to direct forces assigned so that the commander can accomplish specific missions or tasks that are usually limited by function, time, or location; to deploy units concerned; and to retain or assign tactical command and/or control of those units. It does not include the authority to assign separate employment of the units concerned. Neither does it, of itself, include administrative command or logistic responsibility. Subordinate to operational command. Also see DOD Dictionary (JP 1-02).

operational evaluation. The test and analysis of a specific end item or system, insofar as practicable under Service operating conditions, in order to determine if quantity production is warranted considering: a. the increase in military effectiveness to be gained; and b. its effectiveness as compared with currently available items or systems, consideration being given to: (1) personnel capabilities to maintain and operate the equipment; (2) size, weight, and location considerations; and (3) enemy capabilities in the field. See also technical evaluation.

operational flight software (OFS). Software loaded into a Tomahawk land-attack missile's guidance system that determines the weapon's flight performance in response to mission commands.

operational flight software configuration indicator (OFSCI). The alphanumeric designation for the operational flight software required by missiles in order to fly a mission.

operational general (message) (OPGEN). Maritime-unique formatted message used by both the U.S. Navy and NATO to promulgate general matters of policy and instructions and common aspects of operations; also may include detailed instructions for warfare responsibilities.

operational logistics. The art of applying the military resources available to operating forces to achieve national military objectives in a theater or area of operations or to facilitate the accomplishment of assigned missions in a military region, theater, or campaign.

operational profile. For information operations, the collection of friendly indicators (visual, electronic, acoustic) or patterns associated with various naval operations that are observable to an adversary or potential adversary or detectable by adversary or potential adversary systems.

operational speed. (NATO) The highest speed at which ships will be required to proceed during a particular operation or during a stated period.

operational stress. Changes in physical or mental functioning or behavior resulting from the experience or consequences of military operations other than combat, during peacetime or war, and on land, at sea, or in the air. (MCRP 5-12C)

Operational Stress Control and Readiness (OSCAR). A Marine Corps program that assigns mental health personnel directly as organic assets in ground combat units at the level of regiments, rather than attaching them to external medical treatment facilities or combat stress teams.

operational support aircraft (OSA). DOD-owned or controlled aircraft dedicated primarily on an intratheater basis to provide command transportation support.

operational tasking (message) (OPTASK). Maritime-unique formatted message used by both the U.S. Navy and NATO to provide detailed information for specific aspects within individual areas of warfare and for tasking resources. This includes logistics, may be issued at all levels above the unit, and may be Navy-wide or focused on a particular theater or strike group.

opposed boarding. In maritime interception operations, boarding in which any or all of the following conditions are met: a. Passive resistance measures in place are clearly intended to inflict harm on the boarding team or create a very dangerous environment. b. Intelligence indicates a possible threat onboard the suspect vessel or the vessel is suspected of carrying terrorist contraband. c. The suspect vessel has demonstrated intent to actively oppose the boarding or intelligence indicates such intent exists. Note: Special operations forces or other specially trained and designated forces will conduct opposed boardings and may conduct compliant or noncompliant boardings as tasked.

optimal search area. The search area which will produce the highest probability of success when searched uniformly with the search effort available.

optimal search plan. A plan that maximizes the probability of success of finding the search object using the available search effort.

optimum sonar speed. (NATO) The speed for an individual ship at which, over a period, it can achieve the maximum swept area with its sonar in the prevailing environmental conditions.

ordnance assessment (OA). Test, assessment, evaluation, and prediction of safety, reliability, and performance characteristics of a weapon or ordnance item as they relate to age or environmental exposure.

Ordnance Information System (OIS). The Department of the Navy's automated ordnance management system. Integrates wholesale, retail, and decision support systems to facilitate global ordnance positioning and information sharing across the Department of the Navy.

ordnance logistics management (OLM). The total of all logistics functions applicable to the life-cycle management of the ordnance stockpile and its deployment in support of operating forces. Includes support services provided to holders and users of ordnance assets.

ordnance storage. The process of providing a safe, secure, and protected supply of conventional ammunition to support fleet operations and production, maintenance, surveillance, and disposal processes. The storage process involves ammunition handling; periodic inspection; and performing ammunition, distribution, and control procedures.

outer defense zone (ODZ). (NATO) An area encompassing the anti-air warfare surveillance area outside the inner defense zone to a range equivalent to the maximum sensor range of assets stationed outside the inner defense zone.

outer defense zone coordinator (ODZC). (NATO) Unit tasked to coordinate the outer air battle and all combat air patrol entering the outer defense zone. The outer defense zone coordinator is normally an airborne early warning aircraft.

over-the-horizon targeting (OTHT). The location, evaluation, and reporting/transmission of data for a target outside the active sensor horizon of a missile firing unit by means of a target reporting unit.

overdue. A situation where a craft has failed to arrive at its intended destination when expected and remains missing.

overlay. A printing or drawing on a transparent or semitransparent medium at the same scale as a map, chart, etc., to show details not appearing or requiring special emphasis on the original.

overseas. All locations, including Alaska and Hawaii, outside the continental United States.

packaging. The processes and procedures used to protect materials from deterioration, damage, or both. It includes cleaning, drying, preserving, marking, and unitization.

parachute drift (dp). The combined drift of parachute glide ratio and its displacement due to winds aloft.

parachute opening position. The position of the search object at the time of parachute opening.

partial mission-capable, supply (PMCS). Material condition of an aircraft or training device indicating it can perform at least one but not all of its missions because maintenance required to clear the discrepancy cannot continue due to a supply shortage.

passive electronic protective measures (passive EPM). (NATO) Undetectable measures, such as those in operating procedures and technical features of equipment, to ensure effective friendly use of the electromagnetic spectrum. Related terms: active electronic protective measures; electronic protective measures.

passive mine countermeasures (passive MCM). (NATO) Measures intended to localize the threat, locate the minefield, and reduce the risk to shipping. These measures are not concerned with the physical destruction of mines.

passive sonar. A sonar system having a receiving array and no active transmitting array and capable of receiving signals and noise in a predefined band.

patient evacuation. The removal of a patient by a variety of transport means (air, ground, rail, or sea) from a theater of military operation and between health service support capabilities to prevent further illness or injury and to provide additional care and disposition of patients from the military health care system.

patrol craft (PC). Small craft, normally less than 200 feet in length.

penetration. In naval mine warfare, the act of entering a minefield, either to transit or sweep that area.

penetration point (PP). 1. In mine warfare, a point through or over which the landing forces pierce the high-water mark toward inland objectives. 2. In air defense, a control point used to reenter into the friendly air defense network. It should be located beyond the intercept zone of the friendly surface-to-air missile network. 3. In search and rescue operations, the point at which a helicopter enters the outer threat zone.

periscope depth (PD). The maximum depth at which a submarine can use its periscopes when they are fully extended.

permafrost. Permanently frozen subsoil.

personnel services. Those sustainment functions provided to personnel. Personnel services complement logistics by planning for and coordinating efforts that provide and sustain personnel so that the joint force commander may be optimally prepared to accomplish the mission.

picket. (NATO) A unit operating outside the outer limits of screen sectors and under the tactical control of the officer in tactical command (or screen coordinator if delegated); it is stationed in a designated position with reference to the appropriate axis, or in a geographic position for a specific purpose, such as air warning.

picture compilation. (NATO) All actions and activities aimed at compiling a plot.

pitch back. A pronounced, climbing turn designed to place one helicopter above the rotor disk of another. Usually employed in response to an ambush or chance encounter, the pitch back can be offensively and defensively advantageous.

pivot column. (NATO) The wing column toward which the wheel is being made.

pivot ship. (NATO) The wing ship in the line on the side toward which a wheel is being made.

planned maintenance system (PMS). Identifies planned maintenance to be performed on equipment, procedures to be followed, and tools, parts, materials, and test equipment required to perform planned maintenance.

planning stage. A period during a search and rescue incident when an effective plan of operations is developed.

plant equipment. Personal property of a capital nature, consisting of equipment, furniture, vehicles, machine tools, test equipment, and accessory and auxiliary items but excluding special tooling and special test equipment, used or capable of use in the manufacture of supplies or for any administrative or general plant purpose.

platform noise. In underwater acoustics, a combination of own-ship noise, circuit noise, and cable noise that limits sonar sensitivity.

poised mine. A mine in which the ship counter setting has been run down to "one" and which is ready to detonate at the next actuation.

pop. Maneuver used to achieve an immediate and rapid vertical change of altitude (vertical jink). This maneuver normally requires the use of both cyclic and collective.

port. A place at which ships may discharge or receive their cargoes. It includes any port accessible to ships on the seacoast, navigable rivers, or inland waterways. The term "ports" should not be used in conjunction with air facilities that are designated as aerial ports, airports, etc.

port safety. The safeguarding of vessels, harbors, ports, and waterfront facilities from accidents, negligence, civil disturbance, and disasters.

port security unit (PSU). A deployable U.S. Coast Guard unit equipped with heavily armed, airlift-deployable, small-boat assets (six boats) that provides waterborne point defense for the protection of high-value assets.

ports, waterways, and coastal security. Protection of the U.S. Maritime Domain and the U.S. Marine Transportation System from internal and external threats, such as destruction or loss or injury from terrorism,

sabotage, or other subversive acts.

position of intended movement (PIM). The reference position of the officer in tactical command at a given time and a forecast of the course and speed expected to be made good over the ground. Position of intended movement is established to assist the return of aircraft, to aid outlying surface units (pickets) in maintaining their stations, and for rendezvous purposes.

positive control measures. Control measures that enhance the internal security of a vessel and ensure that the vessel remains under the control of appropriate shipboard authorities (i.e., master and pilot), particularly while the vessel transits critical or vulnerable areas of the port. Such measures include security boardings, requiring the vessel to anchor offshore, directing the vessel to employ tugs, and requiring the vessel to embark private security personnel.

positive identification (PID). Identification criteria established in the rules of engagement that require a potential target to be identified as a valid target prior to engagement. Positive identification criteria may vary from operation to operation because the joint force commander and subordinate commanders will establish requirements for positive identification prior to combat operations, in order to achieve the required confidence of target identification for engagement.

potable. Water that is free from disease-producing organisms, poisonous substances, and chemical or biological agents and radioactive contaminants that make it unfit for human consumption and many other uses.

power projection. In naval operations, a broad spectrum of offensive military operations to destroy enemy forces or logistic support or to prevent enemy forces from approaching within enemy weapons range of friendly forces. Power projection may be accomplished by amphibious assault operations, attack of targets ashore, or support of sea control operations. Also see DOD Dictionary (JP 1-02).

prairie-masker. A system of belts on a ship's hull (masker) and holes in the forward and after face of each propeller blade (prairie) designed to reduce machinery-generated noise that radiates from the ship and interferes with sonar performance.

precision engagement. The ability of joint forces to locate, surveil, discern, and track objectives or targets; select, organize, and use the correct systems; generate desired effects; assess results; and reengage with decisive speed and overwhelming operational tempo as required, throughout the full range of military operations.

precision strike Tomahawk (PST). An upgrade to the entire Tomahawk weapon system designed to reduce the risk of collateral damage while maintaining system effectiveness on strike missions.

precombat checks (PCCs). Procedures for all individuals assigned to a convoy to determine if equipment required for a mission is available and serviceable.

precombat inspections (PCIs). The series of inspections scheduled early in the preparation sequence to insure that all precombat checks have been performed properly and that all vehicles, weapons, communications, and special and individual equipment are available and functional.

preliminary communications search (PRECOM). Initial limited communications check, normally directed by the search and rescue mission coordinator during the uncertainty phase, of areas where the missing persons may be.

primary swell. The swell system having the greatest height from trough to crest.

primary target. In naval mine warfare, a ship or submarine identified as ranking first in target importance and against which the minefield is planned.

primer. A device or assembly used to prepare a demolition charge for firing. It may vary depending on the firing system to be employed and, in some cases, the type of charge to be set off.

priming. Priming is the preparation of an explosive main charge for detonation by fixing other material or devices to it in such a way as to enable it to react.

principal end items (PEIs). Those items of equipment necessary for the accomplishment of the Marine air-ground task force mission.

principal line item. End items and replacement assemblies of such importance that management techniques require centralized individual item management throughout the supply system. These specifically include items where, in the judgment of the Services, there is a need for central inventory control, including centralized computation of requirement, central procurement, central direction of distribution, and central knowledge and control of all assets owned by the Services.

probability actuator. A counter-countermeasures feature in the mine firing logic designed to allow only a certain probability that a target or countermeasure signal will actuate the mine.

probability of arrival (Pa). The Tomahawk planning system estimation of the probability of overall Tomahawk land-attack missile mission success in reaching the target.

probability of detection (Pd). 1. In underwater acoustics, the probability of detecting a given target, based on figure of merit and propagation loss as a function of range. Usually configured for a 50 percent probability of detection. 2. In search and rescue operations, the probability that the search object will be detected, assuming it was in the areas that were searched.

probability to penetrate. The calculated probability of arrival at the target, considering only the effects of enemy defenses along the route. Previously called probability of attrition.

processing grid. In information operations, the personnel, systems, and applications that turn information into knowledge to enable decisionmaking. It is closely linked to, and in some cases embedded within, the sensor grid, providing the critical data fusion that generates situational awareness. The processing grid produces and updates the common operational picture of the battlespace.

procurement. The process of obtaining personnel, services, supplies, and equipment.

production. The conversion of raw materials into products and/or components of products through a series of manufacturing processes. It includes functions of production engineering, controlling, quality assurance, and the determination of resource requirements.

program executive office (PEO). The office of a military or civilian official who has primary responsibility for directing several acquisition category I programs and for assigned acquisition category II, III, and IV programs.

program manager (PM). 1. A military or civilian official who is responsible for managing an acquisition program. 2. A manager of a function (e.g., ordnance, public safety, security, etc.) in a region.

programmed warhead detonation (PWD). A terminal maneuver option directing the Tomahawk land-attack missile to detonate over the target aimpoint while in horizontal flight. PWD is effective against small, soft, and revetted targets.

prompt radiation. The gamma rays produced in fission and as a result of other neutron reactions and nuclear excitation of the weapon materials appearing within a second or less after a nuclear explosion. The radiation from these sources is known either as prompt or instantaneous gamma rays.

propagation loss (PL). In underwater acoustics, the loss of sound intensity due to spreading and attenuation during travel through a medium.

proud mine. A mine that is not fully buried and protrudes from the bottom and is thus susceptible to minehunting.

psychological operations (PSYOP). See military information support operations (MISO).

public key infrastructure (PKI). For database use only. 1/27/12

pulsing. In naval mine warfare, a method of operating magnetic and acoustic sweeps in which the sweep is energized by current which varies or is intermittent in accordance with a predetermined schedule.

purchase description. A statement outlining the essential characteristics and functions of an item, service, or materiel required to meet the minimum needs of the Government. It is used when a specification is not available or when specific procurement specifications are not required by the individual Military Departments or the Department of Defense.

pyrotechnic. A mixture of chemicals that, when ignited, is capable of reacting exothermically to produce light, heat, smoke, sound, or gas.

q-message. A classified message relating to navigational dangers, navigational aids, mined areas, and searched or swept channels.

QQ. (NATO) The standard position in the force for the center of the front of the main body or convoy when not in circular formation.

quality assurance (QA). A planned and systematic pattern of all actions necessary to provide confidence that adequate technical requirements are established, that products and services conform to those requirements, and that satisfactory performance is achieved.

quality deficiency report (QDR). Used to report quality-deficient materiel to activities responsible for the design, development, purchasing, supply, maintenance, and contract administration so that the cause of the deficiency can be determined, deficiencies can be corrected, and action to prevent recurrence can be initiated.

quick reaction force (QRF). Any force with a specific mission to respond on very short notice, typically less than 15 minutes.

quick response team (QR team). A team of personnel with their documentation and equipment that can be flown to designated rearming sites.

R-day. The day on which redeployment of major combat, combat support, and combat service support forces begins in an operation. Also see DOD Dictionary (JP 1-02).

radar sonar surveillance center (RSCC). The mobile inshore undersea warfare unit tactical operations center. It is a military standard 8- by 8- by 20-foot van that contains surveillance sensor, communications, and command and control equipment.

radar warning receiver (RWR). An onboard receiver providing information to the aircrew about radar energy striking the aircraft.

radiated noise. In underwater acoustics, the spectrum level of the sound energy radiated by a platform. Machinery and propeller noise dominate, but hydrodynamic noise is also a factor. It is normally expressed as a sound level in dB/1 mPa referenced to a distance of 1 yard from the source in a 1-Hz bandwidth.

radio deception. The employment of radio to deceive the enemy. Radio deception includes sending false dispatches, using deceptive headings, employing enemy call signs, etc.

radioactive cloud. An all-inclusive term for the cloud of hot gases, smoke, dust, dirt, and debris from a weapon and the environment. The cloud is carried aloft in conjunction with the rising fireball produced by the detonation of a nuclear weapon.

radioactive contamination. Radioactive material in an undesirable location such as on structures, areas, objects, or personnel.

radius of damage. The distance from ground zero at which there is a 0.50 probability of achieving the desired damage.

random antiterrorism measures (RAMs). Random, multiple security measures that, when activated, serve to disguise the actual security procedures in effect. Random antiterrorism measures deny the terrorist surveillance team the opportunity to accurately predict security actions. Random antiterrorism measures strictly vary the time frame and/or location for a given measure.

range spread. The technique used to place the mean point of impact of two or more units 100 meters apart on the gun-target line.

rapid reload. The ability of submarines and surface ships to reload the overwater portion of mission data (weapons control system operator-entered data) during missile alignment.

rapid response planning process (R2P2). A time-constrained version of the full, six-step Marine Corps Planning Process, developed to enable the Marine expeditionary unit (special operations capable) to plan and begin execution of certain tasks within a 6-hour time period.

ray path. In underwater acoustics, a path perpendicular to the acoustic wavefront as the wave travels through the water.

reaction vessel. A boat used to intercept, engage and, if necessary, destroy a threat to the high-value asset.

reaction zone. Area within a security zone immediately adjacent to, and normally extending 1000 yards from, the high-value asset.

ready spare (RS). A Tomahawk land-attack missile that is launched when a primary missile fails to launch or is confirmed as failing to transition to cruise flight.

rear area. That area extending forward from a command's rear boundary to the rear of the area assigned to the command's subordinate units. This area is provided primarily for the performance of combat service support functions. (MCRP 5-12C)

rebuild. The restoration of an item to a standard as near as possible to its original condition in appearance, performance, and life expectancy. See also overhaul; repair.

receipt. The process of receiving conventional ammunition. It involves ammunition handling, inspection, and performance of ammunition distribution and control procedures, and applies to all conventional ammunition received, whether identified as serviceable, unserviceable, or suspended by the shipping activity.

receiving sensitivity (RS). In underwater acoustics, a measure of the conversion factor from sound level in the water to voltage level at the output of the sonar, expressed in units of dB//1 μ Pa/volt.

recognition confidence level. (NATO) The degree of probability with which the recognition level is established.

recognition differential (RD). The value of the signal-to-noise ratio required at the input to the sonar receiver (at the output of the receiving array) that permits detection of the signal at a specified probability of detection with a specified probability of false alarm.

recognition level. (NATO) The level to which a contact must be recognized as to platform type, class, or individuality.

recognized picture. (NATO) A compiled plot which satisfies the established criteria: the result of the picture compilation process.

reconstitution. 1. Those actions that commanders plan and implement to restore units to a desired level of combat effectiveness commensurate with mission requirements and available resources. Reconstitution operations include regeneration and reorganization. (MCRP 5-12C) 2. Maritime pre-positioning force reconstitution is the methodical approach to restore the maritime pre-positioned equipment and supplies aboard the maritime pre-positioning ships squadron to full mission capable status. (MCRP 5-12C)

reconstitution site. A location selected by the surviving command authority as the site at which a damaged or destroyed headquarters can be reformed from survivors of the attack and/or personnel from other sources predesignated as replacements.

record information. All forms (e.g., narrative, graphic, data, computer memory) of information registered in either temporary or permanent form so that it can be retrieved, reproduced, or preserved.

record of decision (ROD). A concise summary of decisions made by the Secretary of the Navy from the range of alternatives analyzed in the Environmental Impact Statement.

redeployment day (R-day). The day established by the combatant commander that the Marine Corps forces and Navy forces units begin redeployment and reconstitution operations. (MCRP 5-12C)

redistribution. The act of effecting transfer in control, utilization, or location of materiel between units or activities within or among the military services or between the military services and other Federal agencies. Also see DOD Dictionary (JP 1-02).

reefer. 1. A refrigerator. 2. A motor vehicle, railroad freight car, ship, aircraft, or other conveyance, so constructed and insulated as to protect commodities from either heat or cold.

reference position. (NATO) The officer in tactical command's promulgated estimate of his navigational position at a given time.

reflection loss. In underwater sound, the component of propagation loss resulting from imperfect reflections at the ocean boundaries.

refraction. In underwater acoustics, the bending or curving of a sound ray that results when the ray passes from a region of one sound speed to a region of a different speed. The amount of ray bending is dependent upon the amount of difference between sound speeds, that is, the variation in temperature, salinity, and pressure of the water. Also see DOD Dictionary (JP 1-02).

regeneration. Significant replacement of personnel, equipment, and supplies in an attempt to restore a unit to full operational capability as rapidly as possible. (MCRP 5-12C)

Regional Naval Control of Shipping (RNCS). (NATO) Naval control of shipping measures introduced within a limited area.

registration. The adjustment of fire to determine firing data corrections.

regulated navigation area. A water area within a defined boundary for which regulations for vessels navigating within the area have been established.

relative biological effectiveness. The ratio of the number of rads of gamma (or X) radiation of a certain energy that will produce a specified biological effect to the number of rads of another radiation required to produce the same effect measures the relative biological effectiveness of the latter radiation.

release criteria. (NATO) Criteria laid down by the officer in tactical command or delegated authority to be satisfied before weapon employment is authorized.

release point (road). A well-defined point on a route at which the elements composing a column return under the authority of their respective commanders, each one of these elements continuing its movement towards its own appropriate destination.

religious ministry (RM). The entire spectrum of professional duties, performed by Navy chaplains and religious program specialists, to include providing for or facilitating required religious needs and practices.

religious ministry team (RMT). A team that consists of the chaplain(s), religious program specialist(s), and other designated command members (e.g., chaplain's assistants, civilian staff, appointed lay leaders). Each religious ministry team's composition will be determined by the command's mission and table of organization. Each religious ministry team will have a minimum of one assigned Navy chaplain. (MCRP 5-12C)

religious program specialist (RP). A Navy enlisted assistant who supports a chaplain in planning, programming, administering, and coordinating the command religious program. A religious program specialist is a combatant who provides force protection and physical security for a chaplain in operational environments. (MCRP 5-12C)

reload pool. A surface ship weapons control system feature that allows an aligned Tomahawk land-attack missile to remain aligned and available for tasking after the original mission has been canceled. Equivalent functionality is also

NTRP 1-02

featured on submarine combat control systems.

remaining forces. The total surviving U.S. forces at any given stage of combat operations.

renovation. 1. The action performed in upgrading an existing substandard facility to a functionally adequate usable facility. (NWP 4-09) 2. The process required to render existing assemblies, subassemblies, and ordnance fully serviceable. Includes exterior maintenance, overhaul, and reconditioning. (NTRP 4-10.1)

reorganization. Action taken to shift internal resources within a degraded unit to increase its level of combat effectiveness. (MCRP 5-12C)

replacement. A complete reconstruction of a facility destroyed or damaged beyond the point at which it may be economically repaired.

replenishment. In mine warfare, replacement or addition of mines to a minefield.

replenishment course and speed. (NATO) The course and speed ordered by the officer in tactical command for the replenishment unit's guide.

replenishment ships. (NATO) Ships loaded with or supplying certain supplies and services to warships at sea.

replenishment unit. (NATO) A group of ships consisting of one or more delivering ships with one or more receiving ships replenishing and ships in waiting and/or lifeguard stations.

required delivery date (RDD). The Julian calendar date when material is required by the requisitioner. Also see DOD Dictionary (JP 1-02).

requirements channel. Air Mobility Command channel that services two points on a recurring basis, with actual movements dependent on volume of traffic.

rescue action plan. A plan for rescue operations normally prepared by the search and rescue mission coordinator for implementation by the on-scene coordinator and facilities on-scene.

rescue subcenter (RSC). A unit subordinate to a rescue coordination center established to complement the latter according to particular provisions of the responsible authorities.

restricted data. All data (information) concerning: a. design, manufacture, or use of atomic weapons; b. the production of special nuclear material; or c. the use of special nuclear material in the production of energy but not including data declassified or removed from the restricted data category pursuant to Section 142 of the Atomic Energy Act. (Section 11w, Atomic Energy Act of 1954, as amended.) See also formerly restricted data.

retail ordnance logistics management system (ROLMS). The retail component of the Department of the Navy ordnance information system that varies in size and capability, depending upon the size of the activity where it is in use. ROLMS incorporates scalable functionality that is user selectable, provides a point-and-click Windows user interface, and improves system-to-system data sharing and communications. ROLMS performs all ammunition asset management and reporting functions, such as inventory, requisitioning, issues, expenditures, receipts, asset maintenance, notice of ammunition reclassification processing, and transaction reporting. The system automatically formats requisitions and ammunition transaction reports in message format. Management reports are available by inquiry. Utilizes optical scanning of bar-coded data for more accurate inventory control.

retrograde. 1. Any movement of materiel from the forward theater that is being returned to rear supply or maintenance echelons. 2. A directive to withdraw from present position or area of operation in response to a threat. Also see DOD Dictionary (JP 1-02).

reverberation. In underwater acoustics, the combined sound of many small echoes returned to the hydrophone due to scattering at the ocean surface (surface reverberation) and at the bottom (bottom reverberation), and/or scattering in the water mass (volume reverberation). Examples of sources of reverberation are air bubbles and suspended solid matter.

reverberation level (RL). In underwater sound, the ratio of the acoustic intensity, expressed in dB units, produced by pertinent scatters (volume, sea surface, or bottom) as a function of source level and range.

reverberation limited. In underwater acoustics, the condition in active sonar when the reverberation interference level is higher than the background noise level.

rhumb line. (NATO) A line on the surface of the earth transecting all meridians at the same angle.

riot control operations. The employment of riot control agents and/or special tactics, formations, and equipment in the control of violent disorders.

risk tolerance. As specified by the commander, the risk to which friendly forces may be subjected from the effects of adversary action(s); acceptable degrees of risk under differing tactical conditions are high, moderate, and negligible.

roles. The broad and enduring purposes for which the Services and the U.S. Special Operations Command were established in law.

rolling stop. In tactical convoy operations, the procedure to slow a vehicle and scan the road for improvised explosive devices, starting at 5 meters and moving out to 25 meters around the vehicle, before coming to a complete stop.

route. The prescribed course to be traveled from a specific point of origin to a specific destination.

routing indicator. A group of letters assigned to indicate: a. the geographic location of a station; b. a fixed headquarters of a command, activity, or unit at a geographic location; and c. the general location of a tape relay or tributary station to facilitate the routing of traffic over the tape relay networks.

run. The transit of a sweeper-sweep combination or of a minehunter operating its equipment through a lap. This term may also be applied to a transit of any formation of sweepers.

S-day. The day the President authorizes Selective Reserve call-up (not more than 200,000). Also see DOD Dictionary (JP 1-02).

safe current. In naval mine warfare, the maximum current that can be supplied to a sweep in a given waveform and pulse cycle which does not produce a danger area with respect to the mines being swept for.

safe route. A mission route selected by a Tomahawk land-attack missile mission planner for its avoidance of populated areas, primarily as a means of lowering the risk of collateral damage.

safety sector. (NATO) An airspace in the anti-air warfare area in which aircraft are safe from attack by friendly fighters, missiles, or self-defense weapons.

safety zone. A water area, shore area, or water and shore area to which, for safety or environmental purposes, access is limited to authorized persons, vehicles, or vessels. It may be stationary and described by fixed limits, or it may be described as a zone around a vessel in motion. Also see DOD Dictionary (JP 1-02).

salinity (S). The amount (in grams) of total dissolved salts present in one kilogram of water. This is equivalent to parts per thousand (ppt) and may be denoted by the permille (‰) symbol.

salvo. 1. In submarine operations, the deliberate launch of two or more torpedoes at a single target. 2. In Tomahawk land-attack missile operations: a. A surface ship weapons control system software prompt requiring the operator to enter the desired quantity of Tomahawk land-attack missiles to be selected for an engagement plan. b. The total number of Tomahawk land-attack missiles assigned to a firing unit on an electronic strike package, INDIGO, or launch sequence plan for launch in the same attack or launch operation. Similar to strike package. c. A firing event in which one or more weapons, or a combination of weapon systems (including Tomahawk and torpedoes), are launched from a submarine in an effort to minimize the number of noise events, lessening risk of counterattack. Also see DOD Dictionary (JP 1-02).

scattering strength. In underwater acoustics, the ratio (in dB) of scattered sound from a surface or volume to the incident plane-wave intensity.

scheduled maintenance. Periodic prescribed inspection and/or servicing of equipment accomplished on a calendar, mileage, or hours of operation basis.

screen center. (NATO) The point on which screen units are stationed, normally QQ or ZZ.

screen commander. An officer appointed by the officer in tactical command to exercise specific tactical control functions relating to the screen.

screen unit. (NATO) A surface ship, fixed-wing aircraft, helicopter, or submarine employed in a screen.

screening vessel. A boat interposed between the high-value asset and the threat.

Scud. surface-to-surface missile system (Western name for early Soviet missile series)

scuttle. In naval mine warfare, intentional flooding of a buoyant mine case by means of an internal device.

sea base. An inherently maneuverable, scalable aggregation of distributed, networked platforms that enables the global power projection of offensive and defensive forces from the sea and includes the ability to assemble, equip, project, support, and sustain those forces without reliance on land bases within the joint operations area.

sea combat commander (SCC). Under the composite warfare commander concept, the officer assigned some or all of the officer in tactical command's detailed responsibilities for sea combat and granted the tactical control authority to accomplish the assigned missions and tasks; this is an optional position within the composite warfare commander structure.

sea control operations. The employment of naval forces, supported by land, air, and other forces as appropriate, in order to achieve military objectives in vital sea areas. Such operations include destruction of enemy naval forces, suppression of enemy sea commerce, protection of vital sea lanes, and establishment of local military superiority in areas of naval operations. Also see DOD Dictionary (JP 1-02).

sea denial. Prevention of the use of the sea by the enemy. Implies sufficient force is not available to ensure the use by one's own forces, but force is available to deny use to the enemy.

sea state limited. In underwater acoustics, the condition when sea-surface noise is the predominant source of background noise.

sea-surface noise. In underwater acoustics, noise caused by the action of surface waves and heavy rain. Sea-surface noise is the predominant source of ambient noise in the open ocean.

Seabee team. Specially tailored engineering units independently formed from naval mobile construction battalions to provide engineering and technical construction assistance to foreign nations on both civic action and socioeconomic projects.

SEAL delivery vehicle platoon (SDV PLT). The deployable, operational entity of a SEAL delivery vehicle team. A SEAL delivery vehicle platoon consists of a SEAL delivery vehicle, an operational SEAL element, and support personnel.

SEAL delivery vehicle team (SDVT). U.S. Navy special operations command, normally commanded by a SEAL team commander (O-5), that organizes, trains, and equips Navy special operations forces to operate SEAL delivery vehicle platoons, dry deck shelter platoons, and advanced SEAL delivery system task units (SEAL delivery vehicle team ONE only).

SEAL team. U.S. Navy special operations unit or command, normally commanded by a SEAL team commander (O-5), that organizes, trains, and equips Navy special operations forces to conduct special operations with a focus on operations in maritime, littoral, and riverine environments. Also see DOD Dictionary (JP 1-02).

SEAL troop (SEALTP). An administrative term for a continental United States-based naval special warfare subordinate unit of a naval special warfare squadron or SEAL team. Normally commanded by a SEAL team lieutenant commander (O-4), a SEAL team troop consists of a command and control element, an operational element, and other attachments, e.g., mobility element.

sealift liaison element (SLE). A task organization located at the seaport of embarkation and/or debarkation, under the control of the Marine expeditionary force and/or Marine air-ground task force, which coordinates between the arriving and/or departing Marine Corps forces and/or Marine air-ground task force and the beach operations group/port operations group. (MCRP 5-12C)

seaport of debarkation (SPOD). The port at which cargo or personnel are discharged.

seaport of embarkation (SPOE). The port in a routing scheme from which cargo or personnel depart to a seaport of debarkation. For unit and nonunit requirements, it may not coincide with the origin.

search and rescue airspace reservation. Temporary airspace reservation to prevent non-search and rescue aircraft from interfering with search and rescue operations.

search and rescue coordinator (SC). One or more persons or agencies within an administration with overall responsibility for establishing and providing search and rescue services, and ensuring that planning for those services is properly coordinated.

search and rescue facility. Any mobile resource, including designated search and rescue units, used to conduct search and rescue operations.

search and rescue incident. Any situation requiring notification and alerting of the search and rescue system and which may require search and rescue operations.

search and rescue mission. Any search and rescue situation involving dispatch of search and rescue resources.

search and rescue mission coordinator (SMC). The official temporarily assigned to coordinate response to an actual or apparent distress situation.

search and rescue plan. A general term used to describe documents which exist at all levels of the national and international search and rescue structures to describe goals, arrangements, and procedures which support the provision of search and rescue services.

search and rescue region (SRR). An area of defined dimensions, associated with a rescue coordination center, within which search and rescue services are provided.

search and rescue sector. A subdivision of a search and rescue subregion.

search and rescue stage. Typical steps in the orderly progression of search and rescue missions. These are normally: awareness, initial action, planning, operations, and mission conclusion.

search and rescue subregion (SRS). A specified area within a search and rescue region associated with a rescue subcenter.

search and rescue unit (SRU). A unit composed of trained personnel and provided with equipment suitable for the expeditious conduct of search and rescue operations.

search area. The area, determined by the search planner, that is to be searched. This area may be subdivided into search subareas for the purpose of assigning specific responsibilities to the available search facilities.

search attack unit (SAU). The designation given to one or more ships and/or aircraft separately organized or detached from a formation as a tactical unit to search for and destroy submarines.

search attack unit commander (SAU CDR). The senior officer of all the units that have been ordered to form a search attack unit.

search axis. (NATO) The reference bearing on which an antisubmarine warfare search is oriented.

search center. (NATO) The origin or reference point of an antisubmarine warfare search when established at a point other than datum.

search pattern. A trackline or procedure assigned to a search and rescue unit for searching a specified area.

search speed (V). The speed (or velocity) with which a search facility moves over the ground when searching.

search subarea. A designated area to be searched by a specific assigned search facility or possibly two facilities working together in close coordination.

secondary swell. Swell system of less height than the primary swell.

secondary target. In naval mine warfare, a ship or submarine of lesser importance than the primary target, but whose value is more than incidental.

sector method. (NATO) The method of stationing units by designating sectors defined by boundaries and depth limits from screen center.

sector of observation. The entire area visible to the crew member.

sector screen. (NATO) A screen in which individual units are assigned particular sectors of responsibility according to their sensors and capabilities.

secure area. An area that has not received hostile fire for 72 hours and in which helicopters will most likely not be subject to fire during approach, landing, takeoff, or departure.

security force. That portion of a security organization at a naval installation/activity comprising active duty military, Department of Defense civilian police/guard, or contract guard personnel, or a combination, tasked to provide physical security and/or law enforcement.

security force assistance (SFA). Any action to generate, employ, or sustain local, host nation, or regional security forces in support of a legitimate authority. Security force assistance is an umbrella term that encompasses security assistance, security cooperation, and foreign internal defense activities. Also see DOD Dictionary (JP 1-02).

security forces. All forces (including Federal, state, local, and contract forces) available to maintain the security of a designated facility, vessel, asset, or waterway. Also see DOD Dictionary (JP 1-02).

security risk categories. A division of the most sensitive arms, ammunition, and explosives into four categories based on factors such as attractiveness for theft, portability, and magnitude of effect of their misuse. The categories assist in directing the application of security measures commensurate with the gravity of loss.

security zone. An area of land, water, or land and water that is so designated by the captain of the port or district commander for such time as is necessary to prevent damage or injury to any vessel or waterfront facility, to safeguard ports, harbors, territories, or waters of the United States, or to secure the observance of the rights and obligations of the United States.

seduction. (NATO) Measures taken to break or move an enemy weapon control or missile homing system away from its selected target.

segregation. The process of determining the current material condition and status of suspended, condition-unknown ammunition and physically separating the ammunition into acceptable groupings by type, configuration, and material condition. Also see DOD Dictionary (JP 1-02).

seizure. The taking into custody of a vessel, evidentiary items, and/or contraband.

self-destruction. In mine warfare, intentional detonation of a mine by means of preprogrammed actions taken by an internal device.

self-identification. (NATO) The indication by any act or means of your own friendly character or individuality.

self-noise. In underwater acoustics, any noise resulting from the presence or movement of own ship, including flow, mechanical, electrical, and electronic noises. It may enter the own-ship listening gear directly or by an airborne, waterborne, or structurally borne path.

self-noise limited. In underwater acoustics, the condition when self-noise is the predominant source of background noise. This occurs when a ship or submarine is traveling faster than its break-point speed.

self-protection mine countermeasures. (NATO) All countermeasures, active or passive, taken by ships underway for their self-protection.

SELFTAC. (NATO) An attack conducted by a dipping helicopter on its own target after the helicopter has broken dip.

senior officer present afloat (SOPA). The senior line officer of the Navy, on active service, eligible for command at sea, who is present and in command of any unit of the operating forces afloat in the locality or within an area prescribed by competent authority. This officer is responsible for the administration of matters which collectively affect naval units of the operating forces afloat in the locality prescribed.

sensitive mine. A mine whose detecting circuit requires a relatively small magnitude of influence (as from a slow, small, quiet and degaussed vessel) to actuate.

sensitivity. 1. In underwater acoustics, the measure of how well a device converts sound level to voltage level. Measured in dB/μPa/volt. 2. In mine warfare, a classification of a mine's likelihood to actuate by an influence field; the higher the sensitivity, the smaller the magnitude of the influence required. It is a qualitative term, and if a measurement is to be included, the specific term "actuation level" should be included. 3. The resistance of an explosive to impulses such as heat, shock, and friction; it indicates the ease with which the explosive may be detonated. 4. The ability to allow small temperature differences to be apparent in the displayed thermal image, provided resolution is not a factor.

sensitized detonating cord. Sensitized detonating cord is detonating cord that has a nonelectric blasting cap crimped to it.

sensor. (NATO) An equipment which detects, and may indicate, and/or record objects and activities by means of energy or particles emitted, reflected, or modified by objects.

sensor grid. In information operations, the air, sea, ground, space, and cyberspace sensors, weapons sensors, sensors employed by individual sailors and marines, and embedded logistics sensors that collect information.

sentencing. The assignment of material condition codes and material defect codes to ordnance as a result of inspection, including the application of notices of ammunition reclassification and specific direction from appropriate authority.

sequence number. (NATO) The number allocated to a ship by a unit commander to indicate its position in the line.

service explosives. Explosives used principally in loading ammunition and demolition devices used by the armed services. The term is synonymous with United States Military Explosives.

service force. A naval task organization that performs missions for the logistic support of operations.

Service-Wide Transportation account (SWT account). A centrally managed account that provides transportation funding for certain Navy cargo movements worldwide.

serviceable. Includes all items or components on hand that are in all respects ready for use or that can be made ready for use with immediately available maintenance or repair capability.

set. The direction in which water or an object moves under the influence of wind or current.

shadow. Tactical boat maneuver where a reaction vessel inside a security zone maintains a position between a transiting contact of interest outside the security zone and the protected high-value asset.

shadow zone. In underwater acoustics, a region in which very little sound energy penetrates, depending upon the strength of the lower boundary of the surface duct. It is usually bounded by the lower boundary of the surface duct and the limiting ray. There are two shadow zones: the sea surface, beneath which a shadow is cast by the surface in the sound field of a shallow source, and the deep-sea bottom, which produces a shadow zone in the upward-refracting water above it.

shallow water. 1. For underwater acoustics, normally considered as being less than 100 fathoms. Usually considered to be water of such depth that bottom topography affects surface waves. Only refers to the vertical extent from the ocean/atmosphere interface to the bottom of the ocean. Acoustically defined as water depth that will not support convergence zone or deep sound propagation paths. 2. For the conduct of inshore undersea warfare, the water mass extending from the mean high-water mark ashore to the 100-fathom curve seaward.

ship counter. In naval mine warfare, a device in a mine which prevents the mine from detonating until a preset number of actuations has taken place.

ship earth station (SES). A mobile station in the maritime mobile service located on board a vessel which is not permanently moored, other than a survival craft station.

shipper. A Service or agency activity (including the contract-administration or purchasing office for vendors) that originates shipments. The functions performed include planning, assembling, consolidating, documenting, and arranging materiel movement.

shipping lane. A term used to indicate the general flow of merchant shipping between two departure/terminal areas. In peacetime, these typically lie on the most economic or direct routes between ports. Under naval cooperation and guidance for shipping (NCAGS), shipping lanes may be designated through or around shipping risk and NCAGS areas to facilitate shipping protection or deconfliction with contingency operations. Also see DOD Dictionary (JP 1-02).

shipping risk area (SRA). A geographically defined portion of the naval cooperation and guidance for shipping (NCAGS) area where an elevated risk to merchant shipping exists. Risks can include potentially hostile acts, navigational restrictions that require closer management of shipping traffic, or naval force operations that may conflict with routine safe passage. More than one SRA can be established within an NCAGS area. SRAs are established by the task force commander.

shipping time. The time elapsing between the shipment of materiel by the supplying activity and receipt of materiel by the requiring activity.

shore-to-shore movement. The assault movement of personnel and materiel directly from a shore staging area to the objective, involving no further transfers between types of craft or ships incident to the assault movement.

short-range air defense (SHORAD). Air defense of local areas or point targets is provided by quick-reacting weapons designed to counter the immediate low-altitude air threat.

short-range ballistic missile (SRBM). A ballistic missile with a range capability up to about 600 nautical miles.

short-tethered mine. A mine having a short mooring line or using only a portion of the line (usually only a few feet), so that the buoyant case remains close to the anchor. This reduces susceptibility to mechanical sweeping.

shoulder. 1. That part of the top surface of an approach embankment, causeway, or cut immediately adjoining the roadway that accommodates stopped vehicles in emergencies and laterally supports base and surface courses. 2. A graded and compacted area on either side of the runway to minimize the risk of accident to aircraft running off or landing off the runway. 3. Tactical boat maneuver where a reaction vessel purposely maneuvers into a contact of interest in an attempt to physically force it away from the protected asset.

signal excess (SE). In underwater acoustics, the difference in dB between received signal-to-noise ratio and recognition differential.

signal-to-noise ratio (SNR). In underwater acoustics, the difference in dB between the received signal and the received noise. Also see DOD Dictionary (JP 1-02).

signaled course. (NATO) The true course which is being or which is to be steered.

signaled speed. (NATO) The speed in knots at which the guide has been ordered to proceed.

signature. A set of characteristics of a weapons system or platform useful for its detection, characterization, tracking, and engagement. These characteristics are generally considered to involve radar cross-section, infrared emissions, acoustic emissions, avionic subsystem emissions, visible and infrared reflectivity, and, in mine warfare, pressure and magnetic influences.

significant track. (NATO) In air defence, tracks of aircraft or missiles which behave in an unusual manner which warrants attention and could pose a threat to a defended area.

significant wave height. The average height of the highest one-third of the selected waves; determined by dividing the time of record by the significant period. Also see DOD Dictionary (JP 1-02).

Silent SAM. (NATO) An anti-air warfare tactic that places a long-range surface-to-air missile ship in a silent posture. The tactical picture is provided by an airborne early warning aircraft via Link. When directed or when preplanned responses dictate, the Silent SAM ship engages the raid under attack based on Link data.

single manager for conventional ammunition (SMCA). The Service responsible (Department of the Army) for procurement, production, supply, and maintenance or renovation of specified conventional ammunition within the Department of Defense.

situational awareness (SA). Knowledge and understanding of the current situation that promote timely, relevant, and accurate assessment of friendly, enemy, and other operations within the battlespace in order to facilitate decisionmaking. An informational perspective and skill that fosters an ability to quickly determine the context and relevance of events that are unfolding. (MCRP 5-12C)

small ship. (NATO) A ship of 137 metres (or 450 feet) or less in length. Related term: large ship.

smoke screen. A cloud of smoke used to conceal ground maneuver, obstacle breaching, recovery operations, and amphibious assault operations as well as key assembly areas, supply routes, and logistic facilities.

soft kill. (NATO) In antiship missile defence soft-kill measures use devices such as electronic countermeasures, chaff, or decoys to neutralize the missile.

sonic layer depth (SLD). The depth of maximum near-surface sound speed above the deep sound channel.

sonobuoy. A free-floating or anchored device with radio telemetering equipment and a hydrophone suspended beneath. Sound signals received at the hydrophone are transmitted to a nearby receiver for analysis. Also see DOD Dictionary (JP 1-02).

sortie. In search and rescue operations, individual movement of a resource in conducting a search or rendering assistance. Also see DOD Dictionary (JP 1-02).

sound channel. In underwater acoustics, that region in the water column where the sound speed first decreases to a minimum value with depth and then increases in value, due to pressure. Above the depth of minimum value, sound rays are bent downward; below the depth of minimum value, rays are bent upward, resulting in the rays being trapped in this channel and permitting their detection at great ranges from the sound source.

sound channel axis. The depth of minimum sound speed within a sound channel.

sound fixing and ranging channel. In underwater acoustics, the deep sound channel with its axis at the bottom of the main thermocline. The name originates from the WWII sound fixing and ranging system designed for locating aviators downed at sea.

sound speed. In underwater acoustics, the rate of travel at which sound energy moves through a medium, usually expressed in feet per second or meters per second.

sound speed excess (SSE). In underwater acoustics, the difference in sound speed at the ocean bottom and at the bottom of the surface layer.

sound speed gradient. In underwater acoustics, the rate of change of sound speed with depth in the ocean.

sound speed profile (SSP). In underwater acoustics, a graph of the variation of sound speed with water depth.

source level (active) (SL). In underwater acoustics, the total power output of an active transducer in dB/ μ Pa at 1 yard from the transducer.

source level (passive) (SL). In underwater acoustics, the intensity of the radiated sound in dB as measured one yard from the source.

special air mission (SAM). Presidential-directed special missions.

special assignment airlift mission (SAAM). Airlift requirements for special pickup or delivery by Air Mobility Command (AMC) at points that may or may not be over already-established AMC routes, depending on the specific requirement. SAAMs may require special consideration because of the number of passengers involved, the weight or size of the cargo, the urgency or sensitivity of movement, or other special factors.

special boat team (SBT). U.S. Navy special operations command, normally commanded by a SEAL team commander (O-5), that organizes, trains, and equips Navy special operations forces to conduct or support special operations employing combatant and other craft. Also see DOD Dictionary (JP 1-02).

special boat troop (SBTP). The deployable, operational entity of a special boat team normally commanded by a SEAL team lieutenant (O-3) and consisting of a small command and control element, combat service support and other capabilities, and one or more special boat detachments.

special operations mission planning folder (SOMPF). Compilation of essential information to help plan and execute a special operations mission. It includes the mission-tasking feasibility assessment (as desired), initial assessment (as desired), target intelligence package, plan of execution, infiltration and exfiltration plan of execution, and other documentation as required. Also see DOD Dictionary (JP 1-02).

special warfare combatant-craft crewman (SWCC). U.S. Navy special operations personnel that operate combatant and other craft to conduct special operations.

special-interest vessel. In maritime law enforcement, certain vessels registered in nations with whom the United States does not enjoy friendly and/or normal diplomatic relations and that are subject to restrictions regarding their entry into or activities in United States waters.

special-purpose Marine air-ground task force (special purposed MAGTF) (SPMAGTF). A Marine air-ground task force organized, trained, and equipped with narrowly focused capabilities. It is designed to accomplish a specific mission, often of limited scope and duration. It may be any size, but normally it is a relatively small force—the size of a Marine expeditionary unit or smaller. In a joint or multinational environment, it may contain other Service or multinational forces assigned or attached to the Marine air-ground task force. (MCRP 5-12C)

special-purpose vehicle. A vehicle incorporating a special chassis and designed to meet a specialized requirement.

specific excess power (Ps). Measures the capability of an aircraft to maneuver with no loss in altitude.

spectrum. The range of electromagnetic radio frequencies used in transmission of voice, data, and television.

spectrum level. In underwater acoustics, the level of noise or a broadband signal in a frequency band 1 Hertz (one cycle per second) wide.

specular reflection. A mirrorlike reflection of sound rays from the ocean surface, bottom, or a target, having small irregularities compared with the wavelength of the incident sound.

speed made good over the ground (SOG). (NATO) The average speed at which a ship has covered the distance between two geographic positions.

speed made good through the water (STW). (NATO) The result of the effect of weather but not the effect of current or tidal stream on the signaled or base speed.

spin stabilization. Directional stability of a projectile obtained by the action of gyroscopic forces that result from spinning of the body about its axis of symmetry.

splash point. 1. In search and rescue operations, the surface position in a case of bail out. 2. (NATO) The point where a single weapon or the first weapon fired of a pattern should enter the water to have the highest probability of destroying the target; its location depends on target course, speed, and depth, and the characteristics of the weapon

after it has entered the water.

spotter personnel. In tactical convoy operations, personnel designated to look for specific threats to the convoy.

spotting. A technique used by the jumpmaster to visually align the aircraft and release the parachutists at the proper release point. Also see DOD Dictionary (JP 1-02).

spread. In naval gunnery, the range spread of a salvo is the distance between the round falling or bursting at the greatest distance from the firing point and the round falling or bursting at the shortest distance, excluding wild rounds. Similarly, the line spread is that which is at right angles to the trajectory.

spreading fire. A notification by the spotter or the naval gunfire ship, depending on who is controlling the fire, to indicate that fire is about to be distributed over an area.

spreading loss. The decrease of transmitted sound intensity in a constant relation to distance from the sound source.

sprocket. In naval mine warfare, an antisweep device included in a mine mooring to allow a sweep wire to pass through the mooring without parting the mine from its sinker.

spudding in. Starting the borehole.

stability. 1. The degree to which a line on a lofargram varies in frequency with time. 2. The characteristic of an explosive to stand up under conditions of handling, environment, storage, and shipping. The stability of an explosive directly affects its sensitivity.

standard distance. (NATO) Unless otherwise ordered, 500 yards between small ships in a line and 1,000 yards between a large ship and any other ship, large or small, in a line.

standoff distance. This term refers expressly to the measure of free airspace between the base of a shaped charge and the target. The length of the legs of demolition charge containers generally determines it.

static haven. In submarine operations, an area or zone established at any time by a submarine operating authority or officer in tactical command reserved exclusively for navigational use by a submarine. Also see moving submarine haven in DOD Dictionary (JP 1-02).

static pressure. The portion of the total pressure in the ocean that does not vary rapidly with time.

stationing speed. (NATO) A speed slower than operational speed, specified for reasons of fuel economy.

statutory authority. The statutory and regulatory powers vested in the United States Coast Guard under the United States Code and the regulations promulgated under those statutes.

steerageway. (NATO) The slowest speed at which a ship can steer.

sterilization. In mine warfare, permanently rendering a mine incapable of firing, by means of a device within the mine.

sterilize. 1. In naval mine warfare, to permanently render a mine incapable of firing by means of a device (e.g., sterilizer) within the mine. 2. To remove from material to be used in covert and clandestine operations, marks or devices which can identify it as emanating from the sponsoring nation or organization.

stovepipe. A column of water made available to a submarine assigned to a deep stratum that allows it access to the surface. Typically used in conjunction with prevention of mutual interference plans during exercises involving friendly and opposition force submarines.

strategic mining. A long-term mining operation designed to deny the enemy the use of specific sea routes or sea areas.

strategic mobility. The capability to deploy and sustain military forces worldwide in support of national strategy.

strategic readiness requirement (SRR). As applicable to naval ordnance, the quantity of munitions needed to arm the forces not committed to support combat operations in the assigned major theater war, as well as those in the strategic reserve. This also includes any additional munitions requirements generated from treaties or statutory obligations to allies.

stratification. In reference to naval ordnance, the application of assets to requirements to determine deficiencies, sufficiencies, or excesses.

strike coordination and reconnaissance coordinator (SCARC). The individual that is responsible for directing all aircraft in the specified area for that associated strike coordination and reconnaissance mission.

strike group logistics coordinator (SGLC). The person designated by the strike group commander to coordinate all logistics within the strike group.

strike package. An aggregation of one or more individual missions, including tactical air and Tomahawk land-attack missiles, combined to meet macro-level strike warfare objectives.

strike planning. The generation of a plan for employing one or more strike and support assets against one or more targets. Strike planning includes decisions on which weapon systems to employ and coordination of timing, support, and proximity between Tomahawk land-attack missiles with tactical air.

strike warfare (STW). Naval operations to destroy or neutralize enemy targets ashore, including attacks against strategic or tactical targets, such as manufacturing facilities and operating bases, from which the enemy is capable of conducting or supporting air, surface, or subsurface operations against friendly forces.

strike warfare commander (STWC). Under the composite warfare commander concept, the officer assigned some or all of the officer in tactical command's detailed responsibilities for strike warfare and granted the tactical control authority to accomplish the assigned missions and tasks.

STRIKECAP. (NATO) Combat air patrol launched to conduct an attack against an enemy at extended ranges to confuse the enemy and/or change his attack plans.

subbottom. In underwater acoustics, the variation in density and structure of the ocean floor. With the penetration of the ocean floor by lower frequencies, density and structure of the layers of materials making up the near-surface bottom region must be considered in acoustic range propagation.

subdivision. (NATO) A tactical organization of ships within a division.

subject matter expert exchange (SMEE). Terminology used for training and education activities during humanitarian and civic assistance missions due to some host nations being sensitive to the words "training" and "education."

submarine action area (SAA). A waterspace management area that contains one or more friendly submarines that are the only units that may use antisubmarine warfare weapons within that area.

submarine advisory team (SAT). Personnel assigned to the submarine operations coordinating authority to assist in the planning and execution of coordinated submarine operations.

submarine element coordinator (SEC). Under the composite warfare commander concept, the principal adviser to the submarine operations coordinating authority for submarine operations, normally serving as the submarine operations coordinating authority staff intermediary for required liaison with the submarine operating authority and submarines.

submarine exercise area coordinator (SEAC). (NATO) An authority who publishes permanently established national submarine exercise areas and lanes which have been agreed to by the nations concerned.

submarine expendable bathythermograph (SSXBT). Bathythermograph launched from a submarine which can record water temperature versus depth down to 2,500 feet.

submarine missing (SUBMISS). Procedures implemented to search for a missing friendly submarine.

submarine movement advisory authority (SMAA). (NATO) The authority who monitors movements of submarines and ships operating variable depth sonar or towed arrays within his area of responsibility and advises the submarine operating authorities, and, if necessary, units concerned, of possible mutual interference.

submarine notice (SUBNOTE). A message originated by the submarine operating authority providing operational and movement instructions for submarines in peace and war, including transit and patrol area information.

submarine operations coordinating authority (SOCA). The commander who functions as the coordinating authority for employing submarines assigned to or supporting a task group.

submarine safety lane (SSL). A special case submarine action area consisting of a set of lanes, either geographically defined or superimposed on a grid. They are activated either wholly or in part by the submarine operating authority and are used by the submarine operating authority to ensure the safety of submarines transiting to and from assigned areas.

submarine sunk (SUBSUNK). The full-scale search in a submarine disaster and rescue operation.

submarine-generated search area (SGSA). A temporary tactical operating area within a joint tactical action area that is established by a submarine commanding officer to allow other antisubmarine warfare forces to attack subsurface contacts outside of the submarine-generated search area without further contact with the submarine. Also referred to as a "BULLPEN."

supply control. The process by which an item of supply is controlled within the supply system, including requisitioning, receipt, storage, stock control, shipment, disposition, identification, and accounting.

support force. (NATO) A force tasked by a higher authority to aid, protect, complement, or sustain another force.

supporting artillery. Artillery that executes fire missions in support of a specific unit, usually infantry, but remains under the command of the next higher artillery commander.

suppressive barricade. Barricade constructed to isolate an explosion, to deflect the thermal/shockwave and absorb low angle-high speed fragments of exploding ordnance.

surface duct (SD). In underwater acoustics, a zone below the sea surface where sound rays are refracted toward the surface and then reflected. The rays alternately are refracted and reflected along the duct out to relatively long distances from the sound source.

surface picture (SURPIC). A list or graphic display from a ship reporting system of information about vessels in the vicinity of a distress situation that may be called upon to render assistance.

surface position. The position of the search effort on the Earth's surface at the time of initial distress on the surface, or first contact with the earth's surface.

surface strike group (SSG). The combining of Navy and perhaps other maritime capabilities that provides combat effectiveness by providing fire support of allies and joint forces ashore in support of crisis response missions or sustained missions and may be employed in limited nonpermissive environments characterized by multiple threats. The baseline organization consists of three surface ships based on mission and availability of assets.

surface warfare commander (SUWC). Under the composite warfare commander concept, the officer assigned some or all of the officer in tactical command's detailed responsibilities for surface warfare and granted the tactical control authority to accomplish the assigned missions and tasks.

surface-to-air missile (SAM). A guided missile launched from land or sea for the purpose of destroying fixed- or rotary-wing aerial vehicles.

surfaced submarine. A submarine operating on the surface; i.e., sail and main deck awash or breaking the surface.

surveillance combat air patrol. (NATO) A patrol of fighter or attack aircraft employed over a hostile surface force for the purpose of countering the surface-to-surface missile threat.

surveillance towed array system (SURTAS). (NATO) A towed-array system primarily designed for use in area ASW operations. It is normally a very long array designed to operate at low speed for low-frequency detection of a submarine's radiated noise.

survey. A procedure for determining the cause of gains, losses, or damage to Navy property, establishing personal responsibility (if any), and documenting necessary inventory adjustments to stock records.

survey, liaison, and reconnaissance party (SLRP). A self-sustaining task organization formed from the Marine air-ground task force and Navy support element. It conducts reconnaissance, establishes liaison with in-theater authorities, and initiates preparations for the arrival of the main body of the fly-in echelon and the maritime pre-positioning ships squadron. The survey, liaison, and reconnaissance party normally deploys to the arrival and assembly area under Marine air-ground task force cognizance. (MCRP 5-12C)

sustainability. The ability to maintain the necessary level and duration of operational activity to achieve military objectives. Sustainability is a function of providing for and maintaining those levels of ready forces, materiel, and consumables necessary to support military effort. Also see DOD Dictionary (JP 1-02).

sustained operations. Continuous operations or combat with opportunity for less than 4 hours' sleep per 24 hours for significant personnel. These operations may be brief or fragmented.

sustained threat. In naval mine warfare, the ability of a minefield segment to present a continuous threat level for a specified period of time, despite transitors or mine countermeasure efforts.

sustaining stock point (SSP). Shore activity outside of the continental United States that carries ordnance in stock for theater support to Navy and USMC operating forces.

swap. Changing scene-of-action commander.

sweep (aircraft). (NATO) An offensive mission by fighter aircraft to seek out and destroy enemy aircraft and other targets of opportunity in an allocated area of operations.

sweep resistance. The counter-countermeasures quality of a mine that inhibits its actuation as a result of enemy minesweeping efforts.

swell direction. The direction from which a swell is moving. The direction toward which a swell is moving is called the down swell direction.

swept path. In naval mine warfare, the width of the lane swept by the mechanical sweep at all depths less than the sweep depth.

T-day. The effective day coincident with Presidential declaration of national emergency and authorization of partial mobilization (not more than 1,000,000 personnel exclusive of the 200,000 call-up). Also see DOD Dictionary (JP 1-02).

tactical boat operations. The employment of high-performance, highly maneuverable, armed boats using advanced tactics.

tactical bomb lines. (NATO) Bomb lines prescribed by a troop commander beyond which he considers that properly coordinated bombing would not endanger his forces.

tactical command (TACOM). Command authority granted to an allied/multinational maritime commander by an allied/multinational maritime commander with either operational command or operational control. Tactical command is authority delegated to an allied/multinational commander to assign subordinate forces for the accomplishment of the mission assigned by higher authority. It involves the responsibility for the conduct of the tasks pertaining to the mission(s), (i.e., issuing detailed orders and ensuring their correct execution). It also involves responsibility for the general safety of attached units, although ultimate responsibility remains with the commanding officers. Tactical command of units temporarily attached does not include the authority to give them tasks inconsistent with the mission previously allocated to them.

tactical convoy. A deliberately planned combat operation to move personnel and/or cargo via a group of ground transportation assets in a secure manner to or from a target destination under the control of a single commander in a permissive, uncertain, or hostile environment.

tactical data information exchange system alpha (TADIXS A). An encrypted, high-speed, satellite communications subsystem that provides one-way transmission of command and control information or a Tomahawk mission data update from shore sites to most surface ships and submarines. It provides two-way communications for certain shore sites and mission distribution system-capable ships, including some aircraft carriers and command ships.

tactical decision aid system (TASDA). A tactical decision aid computer software system, similar to the Automated Detection Prediction System, used by antisubmarine warfare forces in the Pacific.

tactical diameter. (NATO) The distance along the perpendicular between the path of a ship on the original course and the path of the same ship when steadied on an opposite course after turning through 180° with a constant rudder angle.

tactical doctrine. (NATO) The fundamental principles guiding the application of tactics.

tactical instructions. (NATO) Directions and orders available for the execution of tactics.

tactical intelligence information exchange system (TACINTEL). A satellite communications subsystem for exchanging special intelligence data between ships and shore sites.

tactical mining. In naval mine warfare, mining designed to influence a specific operation or to counter a known or presumed tactical aim of the enemy. Implicit in tactical mining is a limited period of effectiveness of the minefield.

tactical procedures. (NATO) Prescribed modes (and methods) of implementing tactical instructions.

tactical towed array system (TACTAS). (NATO) A towed-array system primarily designed for use in antisubmarine warfare support operations. Its passive acoustic performance is optimized for submarine detection at higher tow speeds.

target angle (TA). The angle between the target track and the line of sight, measured 0° to 360° from the bow of the target to the line of sight. Also see aspect.

target category code. A five-digit entry using the target data inventory category code in functional intelligence databases. This entry defines target characteristics.

target combat air patrol. (NATO) A patrol of fighter aircraft maintained over an enemy target area to destroy hostile aircraft and to cover friendly shipping in the vicinity of the objective area in amphibious operations.

target folder. In Tomahawk land-attack missile operations, the set of data and remarks used as reference materials during targeting and weaponeering; a defined group of text and imagery materials. Also see DOD Dictionary (JP 1-02).

target intelligence package (TIP). A compilation of essential information about a specific target. The package includes enemy order of battle (air, land, and sea), target description, vulnerabilities, lines of communication, general and localized photography, and other all-source intelligence information.

target of interest. A vessel or aircraft meeting established criteria of law enforcement interest.

target radar. (NATO) A radar, the detection of which would indicate the presence of enemy forces or that an attack is probable.

target strength (TS). In underwater acoustics, a measure of the reflecting power of the target, stated in dB. The ratio of the intensity of the target echo, measured one meter from the target, to the intensity of the sound incident on the target.

task. An action or activity (derived from an analysis of the mission and concept of operations) assigned to an individual or organization to provide a capability.

task designator. (NATO) The number assigned to a task force, task group, or task element.

task fleet. (NATO) A mobile command of ships and aircraft necessary for accomplishing specific major tasks which may be of a continuing nature.

task force (TF). 1. A temporary grouping of units, under one commander, formed for the purpose of carrying out a specific operation or mission. 2. A semi-permanent organization of units, under one commander, formed for the purpose of carrying out a continuing specific task. 3. A component of a fleet organized by the commander of a task fleet or higher authority for the accomplishment of a specific task or tasks.

task group submarine area (TGSA). A waterspace management area designated by the submarine operating authority in which one or more submarines are operating under the tactical command of the task group officer in tactical command. Waterspace management and prevention of mutual interference requirements within this area are the responsibility of the officer in tactical command or a specified subordinate commander.

task organization. The organization of forces for operational purposes to provide the necessary flexibility for meeting changing operational requirements while retaining a clear indication of the chain of command. Also see DOD Dictionary (JP 1-02).

technical assistance and advisory team (TAAT). A team provided by Commander, Marine Corps Logistics Bases to provide assistance during the offload and regeneration of the maritime pre-positioning ship. (MCRP 5-12C)

tempest. The study and control of decipherable electronic signals unintentionally emitted from equipment. Also see DOD Dictionary (JP 1-02).

terminal. Equipment designed to receive and transmit voice or data information using the frequencies, modulations, data rates, access protocols, effective isotropic radiated power, and sensitivity needed to establish and sustain voice or data communications over a satellite channel. A terminal may include internal or external voice or data encryption devices, or both. Also see DOD Dictionary (JP 1-02).

terminal controller. Those agencies and/or individuals who exercise terminal control of close air support missions. This control may include, but is not limited to, assisting the pilot in acquisition of the target and directing the flight routing of the aircraft relative to target attack.

terminal maneuver. A maneuver executed by a Tomahawk land-attack missile in the final stage of attack that delivers the warhead to the desired impact point or overhead position for detonation.

terminal phase. The portion of an air-to-air engagement that occurs between weapons release and either destruction of the enemy aircraft or disengagement. Also see DOD Dictionary (JP 1-02).

theater air-ground system. A system of systems consisting of the theater air control system (TACS) (USAF), the Army air-ground system (AAGS) (USA), the Marine air command and control system (MACCS) (USMC), and the Navy tactical air control system (NTACS) (USN).

Theater Battle Management Core System (TBMCS). Provides the air commander with the means to plan, direct, and control all theater air operations in support of command objectives and to coordinate with ground and maritime

elements engaged in the same operation.

theater distribution architecture. The processes and systems used to manage distribution nodes, specify interrelationships among the nodes, and assist in synchronizing distribution.

theater distribution system. theater distribution system

theater mission library (TML). The library of Tomahawk missions in an area of responsibility that has been approved for distribution by the unified commander.

theater security cooperation plan (TSCP). A deliberately developed plan covering non-combat military activities with other nations within a region. A theater security cooperation plan implements the combatant commander's theater security cooperation strategy and thus is a way to shape the security environment to protect and promote U.S. interests and regional objectives.

thermocline. A temperature gradient in a layer of seawater where the temperature decreases continuously with depth. Usually the gradient is greater than 2.7 °F per 165 feet (1.5 °C per 50 meters) of depth.

thickened agent. An agent to which a polymer or plastic has been added to minimize vaporization prior to its deposition on the target.

third-party personnel/vehicles. In tactical convoy operations, personnel or vehicles that are not part of the convoy operation.

threat. 1. A generic term that refers to the armed forces, weapons, weapon systems, ammunition, and equipment of a potential adversary. 2. The intent of an agent to conduct operations that would disrupt the operation of a vessel, facility, or organization. The credibility of threat is based on the capability of the agent to carry out a disruptive act.

threat and target emitters. (NATO) A threat emitter is an emitter, normally associated with a weapon system, the detection of which might indicate that an attack on the force is imminent or in progress. A target emitter is an emitter, the detection of which would indicate the presence of enemy forces.

threat assessment. The continual process of compiling and examining all available information concerning potential terrorist activities by terrorist groups that could target a facility. A threat assessment will review the factors of a terrorist group's existence, capability, intentions, history, and targeting, as well as the security environment within which friendly forces operate. Also see DOD Dictionary (JP 1-02).

threat axis. Known or suspected direction of travel for drug or alien smugglers.

threat radar. (NATO) A radar, the detection of which would indicate that an attack on the force is imminent or in progress.

threshold. The level that target noise signals or echoes must exceed to qualify for validation. Also see DOD Dictionary (JP 1-02).

tidal current (TC). Near-shore currents caused by the rise and fall of the tides.

time charter (TC). In Military Sealift Command operations, under this type of contractual agreement, which may last from a few weeks to years, the ship owner is responsible for providing the crew, managing the ship, and paying all operational costs, excluding fuel, port charges, and canal tolls.

time horizon. The specified period established by the commander to focus current operations, future operations, and future plans activities for a given operational task.

time late of datum. (NATO) The elapsed time between datum time and the arrival of a unit at datum.

time of attack. (NATO) Time of arrival of the first weapon in the target area.

time-of-launch (TOL). The time at which Tomahawk missiles will be or have been launched.

Title 10, United States Code (U.S.C.). Outlines the role of Armed Forces in the United States Code and provides the legal basis for the roles, missions, and organization of each of the Services as well as the Department of Defense. Each of the five subtitles deals with a separate aspect or component of the Armed Services: Subtitle A — General Military Law; Subtitle B — Army; Subtitle C — Navy and Marine Corps; Subtitle D — Air Force; and Subtitle E — Reserve Components.

Tomahawk asset management (TAM). The automated management system for tracking and management of mission data and the Tomahawk land-attack missile between Tomahawk ships and mission distribution system sites.

Tomahawk command information (TCI). The collective term for all printed and electronic mission and command and control data for Tomahawk land-attack missile missions and their management. Tomahawk command information is delivered to firing units and staffs, providing management tools and mission data for staff Tomahawk land-attack missile planners, launch area coordinators, and engagement planners.

Tomahawk executive agent (TEA). The commander designated by the unified commander to assume the responsibility for all theater Tomahawk operations, including logistics, strike planning, mission data distribution, and all supporting functions.

Tomahawk strike coordinator (TSC). The individual or command, designated by the Navy component commander or Tomahawk executive agent, who performs some or all Tomahawk land-attack missile strike planning and coordination functions for the Navy component commander.

Tomahawk weapon system (TWS). The complete Tomahawk system, including the Tomahawk missiles, the mission planning facilities, command and control facilities, and the launcher systems.

TOMCAT. (NATO) A surface picket or picket group which is responsible for early identification of friendly aircraft returning, and for acting as a reference point for such aircraft when they proceed through the anti-air warfare area.

topographic noise stripping (TNS). In underwater acoustics, ambient noise from distant shipping (>1 convergence zone range away) is attenuated, or stripped, by interaction with the ocean bottom, while the acoustic signal of interest is received via the submerged convergence zone propagation path. Topographic noise stripping may be exploited in areas where the distant shipping noise is bottom-limited but a below-layer source is not bottom-limited, resulting in an increased signal-to-noise ratio.

topographic shading. The disruption of convergence zone or deep sound channel propagation by ocean bottom features such as seamounts, guyots, ridges, or islands. This disruption causes large shadow zones. Depth excess is destroyed for convergence zone propagation when a source is one-half the convergence zone range from such a bottom feature.

torpedo danger area (TDA). The area extending beyond the furthest-on circle for an arbitrarily assessed distance of 8,000 yards.

torpedo danger zone (TDZ). An area that the submarine must enter to be within maximum effective torpedo range.

torpedo interference area (DOG BOX). (NATO) An area within which units may interfere with or be endangered by antisubmarine warfare homing torpedoes.

total delivery error (TDE). In regard to precision-guided munitions, the complex combination of the target location and weapon navigation errors that indicates the closeness of the probable weapon impact to the true location of the target.

total munitions requirements (TMR). The sum of war reserve munitions requirements and training and testing requirements. The total munitions requirements are equivalent to the approved acquisition objective as defined in DOD 4140.1-R, Supply Chain Materiel Management Regulation.

toxicity. The degree to which a substance or mixture of substances can harm humans or animals.

track course. The true course of the track.

traffic control point. A designated spot on the ground or road network where military forces control the traffic flow.

training and testing requirement (TTR). Munitions requirements to train the force and to support Service programs ensuring that weapons and platforms deliver the intended effectiveness (can be stated as an annual requirement, a Future Years Defense Program requirement, and/or projected life cycle of each munition). Surveillance, acceptance testing, and production losses of munitions items are accounted for in this category.

transducer. A device for converting electrical energy to underwater sound energy or vice versa. When sound energy received through the water is converted to electrical energy, the device is termed a hydrophone; when electrical energy is converted to sound energy and transmitted into the water, the device is termed a sonar projector or an echo sounder.

transfer. (NATO) The distance gained by a ship at right angles to the original course while turning.

transfer station. (NATO) A ship's designated area equipped for replenishment at sea.

transmission loss (TL). In underwater acoustics, the reduction in signal intensity (in dB) between a point 1 yard from the sound source and the receiving sensor. Graphically depicted as a function of range on a computer-generated propagation loss curve.

transponder. An acoustic device, similar to a sonobuoy, that can be activated upon receipt of a sound or radio signal.

transportation priority. A number assigned to a shipment that establishes its movement precedence by air, land, or sea within the Defense Transportation System.

transshipment point. A point where the responsibility for an in-transit shipment is transferred from one mode of conveyance to another for further transportation to the consignee. Also see DOD Dictionary (JP 1-02).

TT. (NATO) The standard position in the force for the present position of the originator of the message.

turbidity current. Relative to underwater acoustics, a highly turbid, relatively dense current carrying large quantities of clay, silt, and sand in suspension that flows down a submarine slope through less dense water.

turn-together. (NATO) A maneuver in which all ships turn simultaneously, maintaining their true bearings and distances from the Guide.

turning circle. (NATO) The path of a ship with a constant rudder angle.

type organization. (NATO) The organization of units normally of the same type into flotillas/groups, squadrons, divisions, and subdivisions mainly for administrative and logistic purposes.

unconventional warfare (UW). In naval special warfare, activities conducted to enable a resistance movement or insurgency to coerce, disrupt, or overthrow a government or occupying power by operating through or with an underground, auxiliary, and guerrilla force in a denied area. Also see DOD Dictionary (JP 1-02).

uncountered field. A minefield against which the enemy takes no mine countermeasure actions.

undersea domain. That portion of the maritime domain beginning at the water's surface and extending to and including the seabed beneath.

undersea warfare (USW). Military operations based within the undersea domain including the strategic, operational, and tactical employment of undersea systems, vehicles, weapons, sensors, and infrastructure. Also see DOD Dictionary (JP 1-02).

underwater construction team (UCT). A unit of the naval construction force that provides underwater construction, repair, and engineering capability.

underwater electric potential (UEP). Alternating and static electric fields caused by electric current flowing through dissimilar metals in a ship's underwater hull.

underway replenishment (UNREP). A transfer of liquid and/or solid cargo between two ships while underway. Also see DOD Dictionary (JP 1-02).

underway replenishment coordinator (URC). The underway replenishment coordinator monitors commodity levels within the battle group and onboard combat logistics force ships in company or en route. When potential problems are identified, the URC notifies the battle force logistics coordinator (BFLC)/battle group logistics coordinator (BGLC) and provides recommended solutions. In the event commodity shortages are anticipated, the URC is responsible for allocation of available inventories. The URC coordinates loading and prioritization of products with the advanced logistic support site and recommends replenishment-at-sea schedules to the BFLC/BGLC. While the supply officer is generally tasked with hazardous material and waste management onboard, the URC coordinates the transfer of these materials to designated shuttle ships. It should be noted that the URC does not control actual underway replenishment operations; the commanding officer of the replenishment ship is the officer in tactical command during transfer.

unit guide. (NATO) The ship in a unit that is the guide; the guide in a replenishment unit.

unit readiness. The ability to provide capabilities required by the combatant commanders to execute their assigned missions. This is derived from the ability of each unit to deliver the outputs for which it was designed. Also see DOD Dictionary (JP 1-02).

United States Code (U.S.C.). Codification of U.S. laws by subject matter arranged in numerical titles.

United States naval forces. All forces and Reserve Components of the U.S. Navy, the U.S. Marine Corps, and the U.S. Coast Guard when operating as a part of the Navy. (MCRP 5-12C)

United States Transportation Command Component Commands (TCC). The three component commands of USTRANSCOM: Air Force Air Mobility Command, Navy Military Sealift Command, and Army Military Traffic Management Command. Each transportation component command remains a major command of its parent Service and continues to organize, train, and equip its forces as specified by law. Each transportation component command also continues to perform Service-unique missions.

universal transverse mercator (UTM). The grid coordinate reference system commonly used by ground forces for identifying a location on the earth's surface.

unmanned aerial vehicle (UAV). A powered, aerial vehicle that does not carry a human operator, uses aerodynamic forces to provide vehicle lift, can fly autonomously or be piloted remotely, can be expendable or recoverable, and can carry a lethal or nonlethal payload. Ballistic or semiballistic vehicles, cruise missiles, and artillery projectiles are not considered unmanned aerial vehicles. (Note from 3-02.1.3 1D NTP (MAY 2010): Unmanned aerial vehicle is a legacy term in DOD and has been replaced by UAS. Use of the term UAV continues to be used by Allied/coalition nations and U.S. non-DOD organizations.)

unnecessary search and rescue alert (UNRAR). A message sent by a rescue coordination center to the appropriate authorities as a follow-up when the search and rescue system is unnecessarily activated by a false alert.

unserviceable. Includes all items or components on hand that are not ready for unrestricted use and that cannot be made serviceable using immediately available maintenance or repair capability.

uplink. 1. In submarine usage, one-way communications from a submarine. 2. The earth station used to transmit signals to a satellite.

upslope enhancement. Acoustic energy from a source in deep water changes from a convergence zone or sound channel path to a bottom-bounce path as the bottom shoals, and is concentrated up the slope to a receiver in shallow water. Also known as the inverse megaphone effect.

urgent attack. (NATO) An attack delivered with maximum rapidity against an enemy submarine located in a position such that it is considered an immediate threat.

urgent mining. In naval mine warfare, the laying of mines with correct spacing but not in the ordered or planned positions. The mines may be laid either inside or outside the allowed area in such positions that they will hamper the movements of the enemy more than those of our own forces.

used hazardous material. Hazardous material that has been used in a shipboard process and has no further use aboard ship, but may still be used ashore or recycled for future use.

vapor density. The ratio of the weight of a given volume of a gaseous substance and that of the same volume of another gas measured under the same conditions of pressure and temperature.

variability percentage. The percentage of variability that can be expected in predicted sonar ranges because of the real-time change in the mixed layer depth and below-layer sound velocity gradient.

variable depth sonar (VDS). A sonar whose transducer is towed beneath its parent ship with the object of improving sonar detection ranges by permitting the sonar to operate beneath a layer.

vectoring (aircraft). (NATO) The directional control of an in-flight aircraft through transmissions of azimuth headings.

vehicle inspection team. Security force personnel who perform vehicle inspections as part of the installation access control program or are positioned throughout the base to conduct random vehicle inspections as part of a selective enforcement program.

verification. In Tomahawk operations, an operator procedure to confirm the functionality of the mission data on a mission disk by performing a mission data request order for each mission. Also see DOD Dictionary (JP 1-02).

verification code. A five-digit numerical code that is entered at the launch control console in response to a “mission data request” order from the engagement planner. The verification code forms a matched set with the mission identification number and the warhead type.

vertex depth. In underwater acoustics, the depth in the water at which a refracted sound ray becomes horizontal.

vertex sound speed. In underwater acoustics, the speed at which a refracted sound ray becomes horizontal.

vertex velocity. In underwater acoustics, the sound velocity at which a refracted sound ray becomes horizontal.

vertical construction. General engineering projects involving time, manpower, material, and equipment-intensive tasks. Construction usually involves vertical structures (e.g., buildings) with minimal earthwork and consists of such work as carpentry, steelwork, electrical, and plumbing.

vertical launch system (VLS). A system on surface ships that provides stowage, support, and launch capabilities for Tomahawk, Standard missiles, and vertical-launch antisubmarine rockets.

vertical line array directional frequency analysis and recording (VLAD). Advanced vertical line array directional frequency analysis and recording (difar) buoy using a vertical line array of hydrophones to discriminate against ambient noise.

vertical obstruction data (VOD). A database listing man-made/cultural objects with a significant vertical dimension (i.e., towers, power lines, and tall buildings).

vertical stowage. A method of stowage in depth within a single compartment by which loaded items are continually accessible for unloading, and the unloading can be completed without corresponding changes or prior unloading of other cargo.

vertical update point (VUP). A point defined in latitude, longitude, and elevation that is used to update the Tomahawk land-attack missile guidance set’s vertical reference. The point may be located at the center of a digital scene-matching area correlation scene or as a stand-alone feature.

very shallow water mine countermeasures (VSWMCM). (NATO) Any activity to search, detect, locate, neutralize or dispose of explosive ordnance or obstructions laid in very shallow water. This can be a component of general coastal operations, or amphibious operations.

vessel posing an imminent threat. Any vessel whose actions pose an imminent threat of death or serious physical injury to any person or asset.

veterinary civic action program (VETCAP). A program provided to augment host nation livestock services including animal husbandry education, surgery, and animal checkups.

VICTOR LIMA (VL). (NATO) A reference point used as an anti-air warfare grid origin.

visit, board, search, and seizure (VBSS). Procedures by which U.S. forces conduct maritime interception operations in order to determine the true character of vessels, cargo, and passengers.

vital area (VA). A designated area or installation to be defended by air defense units.

voyage charter (VC). Under the terms of a voyage charter, the owner remains completely responsible for the operation of (and the associated costs of) the ship — including fuel, port, and canal charges. The charter party provides for the ship to make a transit between a specific seaport of embarkation and a specific seaport of debarkation.

W-day. Declared by the President, W-day is associated with an adversary decision to prepare for war (unambiguous strategic warning). Also see DOD Dictionary (JP 1-02).

War Air Service Program (WASP). The program designed to provide for the maintenance of essential civil air routes and services, and to provide for the distribution and redistribution of air-carrier aircraft among civil air transportation carriers after withdrawal of aircraft allocated to the Civil Reserve Air Fleet.

war reserve munitions requirement (WRMR). The sum of combat requirements, strategic readiness requirements, and current operations/forward presence requirements. (MCRP 5-12C)

warning shot. A signal, usually indicating that a vessel is to stop or maneuver in a particular manner or disabling fire will be forthcoming.

watch zone. (NATO) A sector in which the assigned ship is responsible, subject to no overriding weapon coordination instructions from the anti-air warfare commander, to ensure that air attacks on the unit or force do not take place unopposed.

WATCHDOG. (NATO) A surface picket whose main tasks is anti-air warfare.

water clearance authority (WCA). An activity that controls and monitors the flow of cargo into ocean terminals.

waterfront facility. All piers, wharves, docks, and similar structures to which vessels may be secured; areas of land, water, or land and water under and in immediate proximity to them; buildings on such structures or contiguous to them; and equipment or materials on such structures or in such buildings.

waterside patrol. A boat patrol that establishes and maintains surveillance over its operating area. The operating area for a waterside patrol may include waterfront facilities, harbor and anchorage areas, escorts, and safety and security zones.

waterside security. Measures or actions taken to prevent or guard against the use of a waterside approach to a waterfront facility or vessel by persons or vessels intent on theft, sabotage, terrorism, and/or belligerent acts.

waypoint. In Tomahawk land-attack missile operations: 1. An engagement planner-designated location through which the missile is directed to fly during the overwater phase en route to the first preplanned waypoint. Overwater waypoints are optional and flexible. 2. A mission planner-designated location through which the missile is directed to fly during the overland phase en route to the target. Overland waypoints are integral action points in the mission and cannot be changed without replanning the mission.

weapon danger area. (NATO) An area measured in degrees either side of the weapon firing bearing and extending to the maximum safe range and maximum safe trajectory height of the weapon in use. For torpedoes, a specific area based upon weapon entry point.

weapon danger zone. (NATO) In antisubmarine warfare operations, an area in which friendly units may be endangered by a friendly antisubmarine warfare weapon. The area comprising the weapon danger zone is based upon the type of weapon, method of employment, run pattern of a properly operating weapon, and estimated acquisition range. Upon launch of an ASW torpedo, this area may be designated a DOGBOX.

weapon debris (nuclear). The residue of a nuclear weapon after it has exploded; that is, materials used for the casing and other components of the weapon, plus unexpended plutonium or uranium, together with fission products.

weapon engagement zone (WEZ). In antisubmarine warfare, the area defined by a submarine datum expanded by a predicted furthest-on-circle and the maximum effective torpedo firing range (for a torpedo threat) or the maximum effective missile firing range (for the antiship cruise missile threat). A target should be engaged in this zone before the zone encroaches on the protected force. Also see DOD Dictionary (JP 1-02).

weapon release point. (NATO) The point where a single weapon or the first weapon fired on a pattern is released so that it enters the water at the splash point. For aircraft attacks, it allows for the aircraft's direction, speed, and altitude of approach, and the characteristics of the weapon.

weapons free. In air defense, a weapon control order imposing a status whereby weapons systems may be fired at any target not positively recognized as friendly.

weapons hold. In air defense, a weapon control order imposing a status whereby weapons systems may be fired only in self-defense or in response to a formal order.

weapons tight. In air defense, a weapon control order imposing a status whereby weapons systems may be fired only at targets recognized as hostile.

Web-Enabled Scheduling System (WEBSKED). A Web-based application that provides a collaborative, near real-time system for Navy scheduling authorities to plan, create, display, and analyze scheduling data for command, control, communications, computers, and intelligence operations.

wheel. (NATO) A maneuver to alter course in such a manner that all ships will be in their former relative positions on completion of the maneuver.

white noise. Random, incoherent electrical, electronic, or acoustic background energy.

wind corrected heading. The actual heading an aircraft is required to fly to make good an intended course.

world data bank (WDB). A database of coastlines and geographic features throughout the world. The WDB II-based coastline database is embedded in Tomahawk launch platform weapons control systems and is displayed during

Tomahawk land-attack missile overwater engagement planning and over-the-horizon targeting database management.

worldwide express (WWX). Small package, time-definite commercial delivery transportation program administered by Air Mobility Command and mandated by the DOD for use by all Services when commercial transportation is indicated and the shipment falls within the contract parameters.

XX. (NATO) The standard position in the force established by the officer in tactical command on which a search, enemy reporting, and so forth, is to be based.

yo-yo. An offensive tactic in which an attacker maneuvers through both the vertical and horizontal planes to prevent an overshoot in the plane of the defender's turn or to decrease lateral separation. A yo-yo may also be used to maneuver in close proximity to a ground target.

YY. (NATO) The standard position in the force for the present position of the addressee of a message.

zero time. (NATO) The exact hour immediately preceding the time of execution of a tactical action or maneuver from which time measurement is recorded and reported in minutes. (If the time of execution is exactly an hour, that time will be zero time.)

ZIPPO plan. (NATO) A plan which provides for preplanned reactions to various maritime warfare threats.

zone. A geographic boundary or geographic area of jurisdiction such as a captain-of-the-port zone, marine inspection zone, safety zone, security zone, tactical security zone, or tactical reaction zone.

zone inspection, planning, preparation, and operation brief. A face-to-face conference of the zone inspection, planning, preparation, and operation team members. This brief discusses all pertinent items, including aircraft performance in relation to anticipated tactic, threat, and load factors.

zoom. Maximum power for vertical acceleration.

ZZ. Reference point that is the center of the surface plot usually associated with the carrier in a carrier battle group.

CHAPTER 3

ABBREVIATIONS AND ACRONYMS

1LT	first lieutenant (USA)
1MC	general announcing system
1NCD	First Naval Construction Division (also see FIRSTNCD)
1NCD(FWD)	First Naval Construction Division (Forward)
1stLt	first lieutenant (USMC)
2-D	two-dimensional
2-PAM CI	pralidoxime chloride
2G	second generation (wireless communication system)
3-D	three-dimensional
3eTI	3e Technologies International, Inc.
3G	third generation
3M	maintenance and material management; maintenance and material management system
3P	prefragmented, programmable, proximity-fuzed
4-D	four-dimensional
4th POG	Fourth Psychological Operations Group
5Ws	who, what, where, when, and why
A	aft; analog; athwartship (coil)
A&AS	alarm and announcing system
A&L	aid and litter
A-E	architect-engineering
A-S	antispoofing (also see A/S)
A-scan	amplitude scan

NTRP 1-02

A/A	air-to-air
A/C	aircraft
A/D	analog-to-digital
A/DACG	arrival/departure airfield control group
A/E	architect/engineer
A/G	air-to-ground
A/N	alphanumeric
A/S	air-to-surface; auto-special
A2S	Army Medical Department Shelter System
AA	anti-air; area analysis; Armed Forces Americas; assembly area; avenue of approach
AA&D	Advanced Access and Disablement
AA&E	arms, ammunition, and explosives
AAA	anti-air artillery; anti-aircraft artillery; Army ammunition activity; arrival and assembly area
AAAS	amphibious aviation assault ship
AABFS	amphibious assault bulk fuel system
AABWS	amphibious assault bulk water system
AAC	anti-aircraft common (ammunition); approach angle control
AACG	arrival airfield control group
AAD	area air defense
AADC	area air defense commander
AADCS	area air defense commander system
AADP	area air defense plan
AADS	amphibious assault direction system
AADSIU	amphibious assault direction system interface unit
AAFES	Army and Air Force Exchange Service
AAG	advanced acoustic generator
AAGS	Army air-ground system
AALPS	automated air load planning system

AAM	air-to-air missile
AAMDC	United States Army Air and Missile Defense Command
AAOE	arrival and assembly operations element
AAOG	arrival and assembly operations group
AAP	Army ammunition plant
AAR	after action report; after action review; air-to-air refueling
AARGM	Advanced Anti-Radiation Guided Missile
AASC	assistant air support coordinator
AASP	arrival and assembly support party
AAT	air tasking order/airspace control order tool
AATC DAIR	amphibious air traffic control direct altitude and identity readout
AATCC	amphibious air traffic control center
AAUP	advanced capability acoustic upgrade program
AAUSN	Assistant for Administration, Office of the Under Secretary of the Navy
AAV	amphibious assault vehicle; approach and visit
AAVC	amphibious assault vehicle command
AAVP	amphibious assault vehicle personnel
AAVR	amphibious assault vehicle recovery
AAVT	automatic acquisition video tracker
AAW	air-to-air weapon
AB	airburst
ABC	airway, breathing, and circulation
ABCA	American, British, Canadian, Australian Armies Program
ABCS	Army Battle Command System
ABE	air battle execution; aviation boatswain's mate - equipment (USN rating)
ABF	adaptive beamforming; aviation boatswain's mate - fuel (USN rating)
ABFC	advanced base functional component
ABH	aviation boatswain's mate - handling (USN rating)

NTRP 1-02

ABIS	Automated Biometric Identification System
ABL	airborne laser
ABLTS	amphibious bulk liquid transfer system
ABM	air battle manager (USAF); antiballistic missile
ABMD	Aegis ballistic missile defense
ABMOC	air battle management operations center
ABNCP	Airborne Command Post
ABO	agents of biological origin; assistant boarding officer
ABOT	Al Basra Oil Terminal
ABP	air battle plan
ABS	airbeam assembly; American Bureau of Shipping; Assault Breaching System
ABT	air-breathing target (USMC); automatic bus transfer
ABV	assault breacher vehicle
AC	Active Component; air condition; air controller; (NATO) air coordinator; air traffic controller (USN rating); aircraft commander; alternating current; attack coordinator; automatic correlation; hydrogen cyanide (blood agent)
AC/S	assistant chief of staff (USMC)
AC2	airspace command and control
ACA	airlift clearance authority; airspace control authority; airspace coordination area
ACAA	automatic chemical agent alarm (also see ACADA)
ACADA	automatic chemical agent alarm (also see ACAA)
ACAL	acoustic calibration
ACALA	Armament and Chemical Acquisition and Logistics Activity
ACAT	acquisition category
ACB	amphibious construction battalion
ACC	acoustic contact correlation; air cargo company; Air Combat Command; air combat commander; air component commander; assistant convoy commander; attack control console; automatic combustion control
ACCE	air component coordination element
ACCES	advanced cryptologic carry-on exploitation system

ACDC	advanced combat direction system
ACDS	advanced combat direction system
ACE	air combat element (NATO); airborne command element (USAF); airborne control element (USAF); all-source collection element (USA intelligence); Allied Command Europe (obsolete); ammunition, casualties, equipment; analysis and control element; aviation combat element
ACEOI	automated communications-electronics operating instructions
ACFT	aircraft
ACG	amphibious command group; automatic continuous gridlock
ACGIH	American Conference of Governmental Industrial Hygienists
ACGU	Australia, Canada, Great Britain, United States
ACH	automated clearing house
ACH	acetylcholine
ACH	acetylcholinesterase
ACHO	aircraft handling officer
ACI	acoustic intercept; airborne-controlled intercept
ACIC	Army Counterintelligence Center
ACINT	acoustic intelligence
ack	acknowledge; acknowledgement
ACL	allowable cabin load
ACLANT	Allied Command Atlantic (obsolete)
ACLS	automatic carrier landing system
ACM	acoustic countermeasures; air combat maneuvering; airspace coordinating measure; anticountermeasure; automatic channel monitor
ACMES	Automated Communications Security Management and Engineering System
ACMREQ	airspace coordination measures request
ACN	advance change notice; aircraft classification number
ACO	action cut-out (switch); administrative contracting officer; air contact officer; aircraft control officer; airspace control officer; airspace control order; (NATO) airspace coordination order

ACOMMS	acoustic communications (Navy terminology; analog or digital underwater communication usually using modulated acoustic energy)
ACOS	assistant chief of staff
ACOT	advanced common torpedo
ACP	air control point; airborne command post; aircraft communications procedures; airspace control plan; allied communications publication; armament control panel
ACPG	advanced chemical protective garment (Navy term for JSLIST)
ACQ	acquire; acquisition; acquisition radar
ACR	anticircular run
ACRC	assistant cryptologic resource coordinator
ACS	Aegis combat system; airspace control system; amphibious command ship; automatic channel select; auxiliary crane ship
ACSA	acquisition and cross-servicing agreement
act	active; actual
ACTD	advanced concept technology demonstration
ACTH	arbitrary correction to hit
ACTRL	acoustic trial
ACTS	Aegis combat training system
ACU	air conditioning unit; air control unit; aircraft control unit; antenna control unit; Army combat uniform; assault craft unit; automatic control unit
ACV	air cushion vehicle
ACW	air control wing
ACWS	amphibious command workstation
AD	air defense; allied directive; area defense; area denial; armored door (non-magazine-related); Army depot; attack director; automatic deployable; automatic detection; aviation machinist's mate (USN rating); destroyer tender
AD C&R	air defense coordination and reporting (net)
AD/ACF	automatic detection/automatic contact follower
ADA	air defense artillery
ADAFCO	air defense artillery fire control officer
ADAL	authorized dental allowance list

ADAM	air defense airspace management
ADAMS	alcohol and drug abuse managers/supervisors
ADAPTS	air-deliverable antipollution transfer system
ADB	acoustic distribution box; aircraft discrepancy book
ADC	acoustic device countermeasure; air defense commander; air detection controller; air direction controller; alternate display computer
ADC-O	assistant division commander for operations
ADCAP	advanced capability (MK-48 torpedo)
ADCC	air defense control center
ADCCN	air defense command and control net
ADCON	administrative control
ADCP	acoustic Doppler current profiler; advanced display core processor; air defense communications platform
ADDS	air deployment delivery system; automated digital data system
ADDU	additional duty
ADE	aerial delivery equipment; aircraft data entry; automated data entry; automatic data entry
ADEC	adaptive detection, estimation, and correlation
ADF	automatic direction finding; auxiliary detonating fuze
ADI	attitude-direction indicator
ADIZ	air defense identification zone
ADM	administrative data management; atomic demolition munition
ADMG	air defense machine gun
ADNET	anti-drug network
ADNS	automated digital network system
ADOA	air defense operations area
ADOCS	Automated Deep Operations Coordination System
ADOS	active duty operational support
ADOT	active duty other than for training
ADP	air defense plan; automated data processing; autopilot data processor

ADPE	automated data processing equipment
ADR	airfield damage repair
ADS	active denial system; active dipping sonar; Aegis display system; air defense section; air defense sector; air delivery system; aircraft decontamination station
ADSI	air defense system integrator; Air Defense Systems Integrator
ADSW	active duty for special work
ADT	active duty for training; air data terminal; automated detection and tracking; automatic detection and tracking
ADU	above-deck unit; air defense unit; auxiliary display unit
ADVON	advanced echelon; advanced liaison
ADW	air defense warnings; aviation data warehouse
ADWC	air defense warning condition; air defense weapons coordinator
ADZ	air defense zone; amphibious defense zone
ADZC	amphibious defense zone coordinator
AE	acoustic emission; active emission; aeromedical evacuation; airborne electronics; ammunition and explosives; assault echelon; assumed enemy; auxiliary exhaust steam; aviation electrician's mate (USN rating)
AEA	acquisition engineering agent; active electronic attack
AEAD	active emission assessment display
AEB	emergency breathing air
AECA	Arms Export Control Act
AECM	aeromedical evacuation crew member
AECS	automated entry control system
AED	automated external defibrillator; electronic dry air
AEDT	Advanced Explosives Destruction Technique
AEF	active emitter file; air and space expeditionary force
AEIT	Advanced Explosive Investigative Technique
AEL	allowance equipage list
AELT	aeromedical evacuation liaison team
AEM	adaptive energy management

AEM/S	advance enclosed mast/sensor
AEN	arbitrary electronic intelligence notation
AEODP	allied explosive ordnance disposal publication
AEP	allied engineering publication
AERM	autonomous emergency recovery mode
AERP	acoustic emissions receiver/processor; active emission receiver processor
AES	advanced encryption standard; aeromedical evacuation system
AESMT	aeromedical evacuation stage management team
AESOP	Afloat Electromagnetic Spectrum Operations Program
AETACS	airborne elements of the theater air control system
AETC	Air Education and Training Command; auxiliary equipment transportation container
AETF	air and space expeditionary task force
AEW	airborne early warning
AEZ	aircraft engagement zone
AF	Air Force; amphibious force; assault force; assumed friend; audio frequency; automatic fixed
AFAC	airborne forward air controller
AFAPD	Air Force application program development
AFARN	Air Force air request net
AFATADS	advanced field artillery tactical data system
AFATDS	Advanced Field Artillery Tactical Data System
AFB	Air Force base
AFC	airframe change; assault force commander; automatic frequency control
AFCAP	Air Force contract augmentation program
AFCC	Air Force Component Commander
AFCESA	Air Force Civil Engineering Support Agency
AFCS	Army Facilities Components System; automatic flight control system
AFDC	Air Force Doctrine Center

AFDD	Air Force doctrine document
AFDDEC	Air Force Doctrine Development and Education Center
AFDS	amphibious flagship data system
AFFF	aqueous film-forming foam (light water)
AFFMA	Air Force Frequency Management Agency
AFFOR	Air Force forces
AFH	Air Force handbook
AFHSC	Armed Forces Health Surveillance Center
AFI	Air Force instruction
AFIMS	Air Force Incident Management System
AFIP	Armed Forces Institute of Pathology
AFISRA	Air Force Intelligence, Surveillance and Reconnaissance Agency
AFIWC	Air Force Information Warfare Center
AFJI	Air Force joint instruction
AFL	assault flight leader
AFLE	Air Force liaison element
AFMAN	Air Force manual
AFMAN(I)	Air Force manual (instruction); Air Force manual (inter-Service)
AFME	Armed Forces Medical Examiner
AFMIC	Armed Forces Medical Intelligence Center
AFMS	Air Force Medical Service
AFNORTH	Air Forces North
AFO	advanced force operations
AFOE	assault follow-on echelon
AFOSI	Air Force Office of Special Investigations
AFOTC	alternate force over-the-horizon track coordinator
AFOTTP	Air Force operational tactics, techniques, and procedures
AFP	adaptive force package; ARC-210 fill program

AFPAM	Air Force pamphlet
AFPD	Air Force policy directive
AFR	Air Force regulation
AFRAT	Air Force radiation assessment team
AFRCC	Air Force rescue coordination center
AFRL	Air Force Research Laboratory
AFRRI	Armed Forces Radiobiology Research Institute
AFS	combat store ship
AFSB	afloat forward staging base (USCG)
AFSC	United States Air Force specialty code
AFSOC	Air Force Special Operations Command
AFSOF	Air Force special operations forces
AFSOUTH	Air Forces Southern
AFT	Air Force task; automatic frequency tracking
AFTAC	Air Force Technical Applications Center
AFTH	Air Force Theater Hospital
AFTL	Air Force Task List
AFTN	Aeronautical Fixed Telecommunications Network (message)
AFTTP	Air Force tactics, techniques, and procedures
AFTTP(I)	Air Force tactics, techniques, and procedures (instruction)
AFVA	Air Force visual aid
AG	aerographer's mate (USN rating)
AGC	automatic gain control
AGCF	air-ground correlation factor
AGE	aerospace ground equipment
AGI	auxiliary general intelligence; intelligence collection ship
AGL	above ground level
AGLO	assistant gunfire liaison officer (aboard ship)

NTRP 1-02

AGM	air-to-ground missile; air-to-surface guided missile; attack guidance matrix
AGPU	aviation ground power unit
AGR	antijam Global Positioning System receiver
AGS	aviation ground support
AGSE	aviation ground support equipment
AH	armored hatch; attack helicopter; hospital ship
AHC	attack helicopter commander
AHD	acoustic hailing device
AHLTA	Armed Forces Health Longitudinal Technology Application
AHP	allied hydrographic publication; high-pressure air
AI	air intelligence; air intercept; air interdiction; airborne intercept; airborne interceptor; amplitude input
AI&R	active intercept and ranging
AIA	Air Intelligence Agency
AIAC	automatic initiate, automatic correlate
AIAT	automatic initiate, automatic track
AIC	air intercept control; air intercept controller; airspace information center; Atlantic Intelligence Command
AICS	air intercept controller supervisor
AIE	alternate insertion/extraction
AIEDD	Advanced Improvised Explosive Device Disposal
AIF	automated installation file
AIG	addressee indicator group
AIHA	American Industrial Hygiene Association
AII	airborne infection isolation
AIM	air intercept missile; air-launched, intercept-aerial, guided missile
AIMC	air interdiction mission commander; automatic initiate, manual correlate
AIMD	aircraft intermediate maintenance department; aviation intermediate maintenance depot

AIMS	Advanced Imaging Multispectral Sensor; Air Traffic Control Radar Beacon System, Identification Friend or Foe, Mark XII/XIIA, System; airborne identification mobile system (Mk 12 IFF)
AIMT	air interdiction of maritime target
AIN	ammunition information notice
AIO	air intelligence officer; assistant intelligence officer
AIO/T	airborne intelligence officer/technician
AIP	aeronautical information publication; air-independent propulsion; aircraft improvement program; antisurface warfare improvement program; automatic input processing
AIPH	Army Institute of Public Health
AIR	air inflatable retarder; acoustic intercept receiver
AIR OPS	air operations (officer)
AIR TACMAN	aircraft tactical manual
AIR TRK	air tracker
AIR-MAR	maritime air
AIRBOC	air-launched rapid-blooming offboard chaff
AIRDET	air detachment (USAF)
AIREM	air readiness/effectiveness measuring
AIREM	air effectiveness measurement
AIRFOR	air forces
AIRSAVE	survival vest
AIRSUPREQ	air support request (message) (also see ASR)
AIS	Aeronautical Information Service; air intelligence squadron; annual inspection summary; automated information system; Automatic Identification System
AISAP	Airsave Integration Survival Vest Armor Protection Ensemble
AIT	advanced individual training; aeromedical isolation team; automated identification technology
AITG	airborne integrated terminal group
AJ	antijam; antijamming
AJBPO	area joint blood program office

NTRP 1-02

AJD	Aujeszky's disease (swine disease)
AJP	allied joint publication; auxiliary JP-5
AK	cargo ship
AKO	Army Knowledge Online
AKR	vehicle cargo ship
AI	aluminum
AL	air lock
ALARA	as low as reasonably achievable
ALARM	advanced low-altitude radar model; air-launched antiradiation missile
ALC	automatic level control; automatic light control; air logistics coordinator
ALCE	airlift control element
ALCM	air-launched cruise missile
ALCOM	United States Alaskan Command
ALCON	all concerned
ALCS	airborne launch control system
ALD	amplifying local display; Aviation Logistics Division (HQMC)
ALE	airlift liaison element; alternate low energy; area limitation environment; automated link establishment; automatic link establishment
ALERTORD	alert order
ALFS	airborne low-frequency sonar
ALI	automatic line integration
ALIC	aircraft launcher interface computer
ALIT	automatic line integration thresholded
ALIU	automatic line integration unthresholded
ALLOREQ	air allocation request
ALLTV	all light level television
ALM	alarm
ALMAR	All Marines

ALMDS	Airborne Laser Mine Detection System
ALNOT	alert notice
ALO	air liaison officer; airboss lightweight overboot
ALORD	alert launch order (message)
ALP	allied logistic publication; low pressure air
ALR	acceptable level of risk
ALRTC	auto local-remote track correlate
ALS	airborne loud speaker; ambient-limited speed; automatic landing subsystem; automatic landing system
ALSA	Air Land Sea Application (Center)
ALT	alert
alt	alternate; altitude
AM	acoustic module; amplitude modulated; amplitude modulation; aviation structural mechanic (USN rating)
AMAD	automatic mustard agent detector
AMAL	authorized medical allowance list
AMAT	antimateriel
AMB	air mobility branch
amb	ambulance
AMC	air mission commander; Air Mobility Command; airborne mission commander; airborne mission coordinator; Army Materiel Command
AMCM	airborne mine countermeasures
AMCR	aircraft material condition report
AMCROSS	American Red Cross (message)
AMD	activity manning document; activity manpower document; air and missile defense; air mobility division; automatic message display
AMDC	air and missile defense commander (USN)
AMDCOORD	air and missile defense coordinator (USA)
AMDIS	Automated Mass Spectral Deconvolution and Identification System
AMDPCS	air and missile defense planning and control system

AMDTO	automated mission data transmit order
AMDWS	air and missile defense workstation (USA)
AME	air mobility element; aviation structural mechanic - equipment (USN rating)
AMEDD	Army Medical Department
AMEDDCS	United States Army Medical Department Center and School
AMedP	allied medical publication
AMEMB	American Embassy
AMHAZ	ammunition and hazardous material
AMHS	automated message handling system
AMI	Aeronautical Militare Italiana
AMIDSHIPS	Automated Merchant Identification Ship System
AMIO	alien migrant interdiction operations
AML	area medical laboratory
AMLS	airspace management liaison section
ammo	ammunition
AMMOLANT	Ammunition Management Office, Atlantic
AMMOPAC	Ammunition Management Office, Pacific
AMNS	Airborne Mine Neutralization System
AMOCC	air mobility operations control center
AMOG	air mobility operations group
AMOUT	advanced military operations in urban terrain
AMP	airfield marking pattern; amplification; amplitude; automated message processing; medium pressure air
AMPHIB	amphibious
AMPN	amplification
AMR	airborne microwave refractometer; auxiliary machine room
AMRAAM	advanced medium-range air-to-air missile
AMS	advanced missile system; alarm and monitoring system; alternate master station; area maritime security

AMSEA	American Overseas Marine
AMSRR	Aviation Maintenance Supply Readiness Reporting
AMT	aerial mail terminal
AMTI	airborne moving target indication; airborne moving target indicator
AMVER	automated merchant vessel reporting; automated mutual-assistance vessel rescue system
AMW	amphibious warfare
AN	airman (USN general apprenticeship rating); ambient noise
ANAV	assistant navigator
ANC	adaptive-noise cancellation; afloat net control
ANCD	automated net control device
ANDVT	advanced narrowband digital voice terminal
ANFO	ammonium nitrate-fuel oil (explosive)
ANG	Air National Guard
ang	angle
ANGLICO	air-naval gunfire liaison company
ANGMU	Air National Guard Management Utility
ANL	automatic noise limiting
ANM	ambient noise measurement
ANODE	ambient noise directionality estimator
ANORS	anticipated not-operationally-ready, supply
ANSI	American National Standards Institute
ANW2	Adaptive Networking Wideband Waveform
AO	action officer; administrative officer; air officer; approach officer; area of operations; auxiliary oiler; aviation ordnanceman (USN rating)
AOA	amphibious objective area; angle of arrival
AOB	advanced operational base; advanced operations base; air order of battle; airfield operations battalion; angle of bank; angle on the bow
AOBT	acoustic onboard trainer

AOC	air and space operations center (USAF (AN/USQ-163 Falconer)); air operations center; area of concentration; area operational commander; Army operations center; automatic overload control
AOCC	aviation ordnance control center
AOD	air operations directive (USAF)
AOE	fast combat support ship
AOF	azimuth of fire
AOI	area of interest (also see AI)
AOIC	assistant officer in charge
AOL	asset options list
AOMSW	air operations in maritime surface warfare
AOO	(NATO) area of operations
AOOA	air operations objectives and apportionment
AOP	air operations plan; area of probability
AOPS	assistant operations officer
AOR	area of responsibility; replenishment oiler
AOSS	aviation ordnance safety supervisor
AOT	advanced operator training; air operations technician; transport oiler
AOTD	active optical target detector
AOU	area of uncertainty
AP	access point; action plan; advance party; aimpoint; airport; allied publication; antipersonnel; Armed Forces Pacific; armor-piercing; transport
AP-PPE	All Purpose–Personal Protective Ensemble
APA	air patrol area
APAM	antipersonnel/antiarmor; antipersonnel/antimaterial
APAN	All Partners Access Network
APB	advanced processor build; air planning board
APC	armored personnel carrier
APD	Army Publishing Directorate

APDS	armor-piercing discarding sabot
APDS-T	armor-piercing discarding sabot-tracer
APEI	armor-piercing explosive incendiary
APEL	Allied Publications Electronic Library
APET	acoustic passive elevation tracker
APF	afloat pre-positioning force; appropriated funds
APFSDS-T	armor-piercing fin-stabilized discarding sabot-tracer
APG	aviation procedures guide
APHIS	Animal and Plant Health Inspection Service
API	armor-piercing incendiary
API-T	armor-piercing incendiary-tracer
APICM	antipersonnel improved conventional munition
APL	allowance parts list; Applied Physics Laboratory (Johns Hopkins University)
APLT	advanced capability post-launch trainer
APM	(NATO) acoustic protective measures
APOD	aerial port of debarkation; aerial port of departure
APOE	aerial port of embarkation
APP	allied procedural publication; acoustic performance prediction; auxiliary power plant; auxiliary propulsion plant
app	appendix
APPEL	acoustic performance prediction and element localization
approx	approximately
APPS	analytical photogrammetric positioning system
APR	acoustic passive ranging
APRI	Asia Pacific Regional Initiative
APS	adaptive processor system; advanced planning system (USAF); aerodynamic particle sizer; afloat planning system (TLAM); afloat pre-positioning ship
APS-3	Army pre-positioned stocks-3
APSRON	afloat pre-positioning ships squadron

NTRP 1-02

APT	armor-piercing tracer
APU	auxiliary power unit
APWO	assistant public works officer
APZ	asset protection zone
AQ	acquisition (also see ACQ)
AQD	additional qualification designator
AR	aerial refueling; air refueling; armed reconnaissance; Army regulation; artillery rocket; repair ship
ARA	attitude reference assembly; Armada de la República Argentina (Argentine navy)
ARAT	Army Reprogramming Analysis Team
ARAT-PO	Army Reprogramming Analysis Team–Project Office
ARAT-SC	Army Reprogramming Analysis Team–Support Cell
ARAT-SE	Army Reprogramming Analysis Team- Software Engineering
ARAT-TA	Army Reprogramming Analysis Team-Threat Analysis
ARATC	advanced radar air traffic control
ARC	air radar controller; air Reserve Components; American Red Cross; arc-second raster chart; automatic ram control
ARCI	acoustic rapid commercial off-the-shelf insertion
ARCN	(NATO) air reporting and control net
ARCP	air refueling control point
AREC	air resource element coordinator
AREPS	Advanced Refractive Effects Prediction System
ARF	Army Regional Flotilla
ARFOR	Army forces
ARG	amphibious ready group
ARG/MEU	amphibious ready group/Marine expeditionary unit
ARGIT	amphibious ready group in-port training
ARH	antiradiation homer; antiradiation homing
ARIP	air refueling initial point

ARL	airborne reconnaissance-low; aspect ratio limiting; assault rocket launcher
ARLO	air reconnaissance liaison officer
ARM	antiradiation missile
ARMCT	area religious ministry coordination team
ARMS	aerial reconnaissance multisensor
ARNG	Army National Guard
ARNGUS	Army National Guard of the United States
ARNORTH	United States Army North
ARO	auxiliary readout (display)
ARP	air refueling point; airborne relay platform
ARPA	automatic radar plotting aid
ARPDD	automatic radar periscope detection and discrimination
ARQ	automatic request-repeat
ARR	antenna rotation rate; automatic ripcord release
ARS	Aerospace Rescue Service; air refueling store; auto ready spare; automatic receive system; salvage ship
ARSC	aeronautical rescue subcenter
ARSO	assistant range safety officer
ARSOA	Army special operations aviation
ARSOF	Army special operations forces
ARSOTF	Army special operations task force
ART	armed response team; Army tactical task
art	article
ARTCC	air route traffic control center
ARTEP	Army Training Evaluation Program
ARTIS	advanced radar target identification system
arty	artillery
ARVCOP	Augmented Reality Visualization of the Common Operational Picture

AS	airborne subsystem; area search; (NATO) associated support; automatic sprinkler; auxiliary steam; aviation section; aviation ship; aviation support equipment technician (USN rating); submarine tender
ASA	ammunition support activity; analog signature analysis; auxiliary spectrum analyzer
ASA(ALT)	Assistant Secretary of the Army for Acquisition, Logistics, and Technology
ASAC	antisubmarine air controller
ASAG	(NATO) air surface action group
ASAP	as soon as possible
ASARS	Advanced Synthetic Aperture Radar System
ASAS	All Source Analysis System; antisubmarine aircraft supervisor
ASAU	air search attack unit
ASBP	Armed Services Blood Program
ASBPO	Armed Services Blood Program Office
ASC	air support controller; air support coordinator; Army Signal Command
ASC(A)	air support coordinator (airborne); assault support coordinator (airborne)
ASCC	Air Standardization Coordinating Committee; Army Service component command; Army Service component commander
ASCII	American Standard Code for Information Interchange
ASCM	air-to-surface cruise missile; all-source contact management; antiship cruise missile
ASCMD	antiship cruise missile defense
ASCOPE	areas, structures, capabilities, organizations, people, and events
ASCS	air support control section (USMC); air support coordination section (USN)
ASD	active search display; antislack device; area search detachment; aviation support division
ASD(GSA)	Assistant Secretary of Defense (Global Security Affairs)
ASD(HA)	Assistant Secretary of Defense (Health Affairs)
ASD(SO/LIC&IC)	Assistant Secretary of Defense for Special Operations and Low-Intensity Conflict and Interdependent Capabilities
ASDS	advanced SEAL delivery system; air situation display system
ASE	air support element; aircraft survivability equipment; array shape estimation
ASEPS	Automated Signal Excess Prediction System

ASETF	air and space expeditionary task force (USAF)
ASF	aeromedical staging facility; Army Strategic Flotilla; auxiliary security force
ASFS	acoustic sensor functional segment
ASG	area support group
ASH	anti-self-homing
ASI	additional skill identifier (USA); aircraft sensor input; automated shore interface
ASIP	acceptable strike impact perimeter; advanced system improvement program
ASIS	amphibious support information system
ASIST	Aircraft Ship Integrated Secure and Traverse
ASIT	adaptable surface interface terminal
ASK	acoustic suppression kit
ASL	above sea level; arctic submarine laboratory (NOSC); authorized stockage list (USA); Aviation Logistics Support Branch (HQMC) (USMC)
ASLT	air support liaison team
ASM	acoustic sounding and maneuvering; air-to-surface missile; antiship missile; array stabilization module
ASMD	antiship missile defense
ASN	assistant secretary of the Navy
ASN(RD&A)	Assistant Secretary of the Navy (Research, Development and Acquisition)
ASO	acoustic sensor operator; advanced special operations; air security officer; aviation safety officer
ASOC	air security operations center; air support operations center
ASOT	advanced special operations techniques
ASP	advanced signal processor; ammunition supply point
ASPECT	active system performance estimate computer tool
ASPJ	airborne self-protection jammer
ASPO	Army space program office
ASR	air search radar; air support request; air surveillance radar; airport surveillance radar; alternate supply route; assault support request
ASRA	air supply rack assembly

ASRAPC	Acoustic Sensor Range Prediction Compacted
ASRAPS	acoustic sensor range prediction system
ASROC	antisubmarine rocket
ASRT	air support radar team
ASSA	at-sea space accountability
ASSI	active secondary search inhibit
ASSM	(NATO) antisurface ship missile
ASST	antiship surveillance and targeting
AST	agency standard terminal
ASTAB	automated status board
ASTAC	antisubmarine/antisurface tactical air control; antisubmarine/antisurface tactical air controller
ASTRAL	Automated Signal Excess Prediction System Transmission Loss
ASV	armored security vehicle
ASW	antisubmarine warfare; auxiliary seawater; average surface wind
ASWACS	antisubmarine warfare air control ship
ASWBPL	Armed Services Whole Blood Processing Laboratories
ASWC	antisubmarine warfare commander
ASWCS	antisubmarine warfare control system
ASWCSO	antisubmarine warfare control system operator
ASWE	antisubmarine warfare evaluator
ASWEX	antisubmarine warfare exercise
ASWFA	antisubmarine warfare free area
ASWFCO	antisubmarine warfare fire control officer
ASWM	antisubmarine warfare module
ASWO	antisubmarine warfare officer
ASWOC	antisubmarine warfare operations center; antisubmarine warfare operations console
ASWTN	antisubmarine warfare track number

AT	airtight; annual training; antitank; antiterrorism; assessment team; atmosphere analyzer; aviation electronics technician (USN rating)
AT/FP	antiterrorism/force protection
ATA	automatic target acquisition; automatic threat alert; automatic track association; auxiliary ocean tug
ATAC	air-dropped two-way communications (buoy); antiterrorism alert center (USN); advanced traceability and control
ATACMS	Army Tactical Missile System
ATACS	amphibious tactical air control system
ATARS	advanced tactical airborne reconnaissance system
ATAS	air-to-air Stinger (missile)
ATC	Advanced Training Command; air test cap; air track coordinator; air traffic control; air transportable clinic (USAF)
ATCALS	air traffic control and landing system
ATCC	air traffic control center
ATCCS	Army tactical command and control system
ATCMD	advanced transportation control and movement document
ATCOM	Army Troop Command
ATCRBS	Air Traffic Control Radar Beacon System
ATCS	air traffic control section; air traffic control subsystem
ATD	active track display; actual time of departure; airtight door; automatic target detection
ATDL	Army tactical data link
ATDS	airborne tactical data system
ATF	amphibious task force; automatic target following; automatic terrain following; automatic track following; Bureau of Alcohol, Tobacco, Firearms, and Explosives (DOJ); fleet ocean tug
ATF/AFT	automatic target following/automatic frequency track
ATFLIR	advanced targeting forward-looking infrared
ATG	afloat training group; antenna transceiver group
ATGM	antitank guided missile
ATH	air transportable hospital

NTRP 1-02

ATHP	ammunition transfer holding point
ATI	aircraft transport isolator; ambient temperature illuminator
ATL	assault team leader
ATLASS	Asset Tracking Logistics and Supply System
ATLS	advanced trauma life support
ATM	advanced trauma management; antitank missile; asynchronous transfer mode; automated teller machine
ATMP	Air Target Materials Program
ATNAA	antidote treatment-nerve agent autoinjector
ATNAVICS	Air Traffic Navigation, Integration, and Coordination System
ATO	air tasking order; air transfer officer; air transportation officer; airborne tactical officer; antiterrorism officer
ATOC	air terminal operations center
ATOI	air target of interest
ATON	aids to navigation
ATOT	actual time-on-target
ATP	advance targeting pod; advanced tracking prototype; allied tactical publication
ATS	acoustic tracking station; acoustic tracking system; air traffic service; airtight scuttle; salvage and rescue ship
ATSCO	alternate top secret control officer
ATSDR	Agency for Toxic Substances and Disease Registry
ATSG	acoustic test signal generator; Aegis training support group
ATSO	ability to survive and operate
ATSS	airborne target surveillance supervisor
ATT	acoustic target tracker; afloat training team; aided target track
ATTI	acoustic test target insertion
attn	attention
ATTO	antiterrorism training officer
ATTP	air traffic training program; Army tactics, techniques, and procedures

ATVG	adaptive time varied gain
ATWCS	advanced Tomahawk weapon control system
ATWG	antiterrorism working group
AU	analyzer unit
AUAMP	Advanced Underwater Acoustic Modeling Project
AUF	airborne use of force
AUIB	aircrew uniform integrated battlefield
AUP	advanced unitary penetrator (munition)
AUR	all-up round
AUSAID	Australian Agency for International Development
AUTL	Army universal task list
auto	automatic (option)
AUTO TKR	automatic tracker
AUTOCAT	automatic communication airborne transfer
AUTODIN	Automatic Digital Network
aux	auxiliary
aux con	auxiliary control
AV	air vehicle; asset visibility; audiovisual; automatic voice network
AVB	aviation logistic support ship
AVCAL	aviation consolidated allowance list
AVDET	aviation detachment (USCG)
AVDLR	aviation depot-level repairable
AVGAS	aviation gasoline
AVHRR	advanced very high resolution radiometer
AVLOG	aviation logistics
AVN	aviation
AVO	air vehicle operator
AVPU	alert, responds to verbal stimuli, responds to painful stimuli, and unresponsive

NTRP 1-02

AVR	asset visibility report
AVSDU	analog-video signal display unit
AVT	automatic video tracker; automatic video tracking
AVWX	aviation route weather forecast
AW	acoustic warfare; air warfare; aviation warfare systems operator (USN rating)
AWACS	Airborne Warning and Control System
AWFC	Air Warfare Center
AWLS	all-weather landing system
AWNIS	Allied Worldwide Navigational Information System
AWS	Aegis weapon system; Air Weather Service; analysis workstation
AWSE	armament weapons support equipment
AWSM	acoustic warfare support measures
AWSSSP	Army Reprogramming Analysis Team Warfighter Survivability Software Support Portal
AWSTS	Airborne Mine Countermeasures Weapon Systems Training School
AWT	air weapons team; airman written test
AWTT	above-water torpedo tube
AWWA	American Water Works Association
AXBt	airborne expendable bathythermograph
AXO	abandoned explosive ordnance
AXP	allied exercise publication; ambulance exchange point
AZ	aviation maintenance administrationman (USN rating)
B&A	boat and aircraft
B&T	ballast and trim
B-scan	bearing scan
B/B	bridge-to-bridge
B/W	black and white
B2C2WG	boards, bureaus, centers, cells, and working groups

BA	basic allowance; battlespace awareness; beam amplitude; billets authorized; budget activity
BAA	backup aircraft authorized
BACN	battlefield airborne communications node
BAE	brigade aviation element
BAF	backup alert force; boat assault force
BAH	basic allowance for housing
BAI	battlefield air interdiction
bal	ballast
BALO	battalion air liaison officer
BALTOPS	Baltic operations
BAM	bird avoidance model (aviation)
BAMCIS	begin planning, arrange for reconnaissance, make reconnaissance, complete the plan, issue the order, and supervise (USMC)
BAMS	broad area maritime surveillance
BAMS-D	broad area maritime surveillance-demonstrator
BARCAP	barrier combat air patrol
BAS	basic allowance for subsistence; battalion aid station; battlespace awareness and shaping
BAT	biological augmentation team
BATMAV	Battlefield Air Targeting Micro Air Vehicle
BATNA	best alternative to a negotiated agreement
BB	battleship; boiler blow; bottom bounce; broadband
BBCM	broadband countermeasure
BBPCT	blocking, bracing, packing, crating, and tie-down
BBS	baseband switching; bulletin board system
BBSU	basic biosuite unit
BBTV	banana bunchy top virus
BC	backup controller; battalion commander; biological-chemical; boat captain; bottom current
BCA	broadcast control authority

NTRP 1-02

BCC	battery control center; battle control center
BCD	battlefield coordination detachment (USA)
BCE	base civil engineer; battlefield coordination element
BCL	battlefield coordination line (USMC)
BCN	beacon
BCOP	Biological Common Operating Picture
BCP	ballast control panel
BCS	broadcast control station
BCSN	broadcast sequence number
BCT	brigade combat team
BCU	battery coolant unit
BD	band; base detonating; best depth; black digital
BDA	basic decoy algorithm; battle damage assessment; bomb damage assessment
BDAREP	battle damage assessment report
BDAT	battle damage assessment team
BDC	blood donor center
bde	brigade
BDE	below decks equipment
BDFA	basic daily food allowance
BDHI	bearing-distance-heading indicator
BDI	battle damage indication
BDII	battle damage indication imagery
BDO	battle dress overgarment
BDOC	base defense operations center
BDR	battle damage repair; best depth range
BDRD	Biological Defense Research Directorate
BDRP	Biological Defense Research Program
BDS	battle dressing station

BDU	basic display unit; battle dress uniform; below-deck unit; bomb dummy unit
BDZ	base defense zone
BE	basic encyclopedia
BE number	basic encyclopedia number
BEE	bioenvironmental engineering
BEEF	basic exposure evaluation form
BEQ	bachelor enlisted quarters
BER	bit error rate
BES	beach evacuation station; budget estimate submission
BEVAR	blue emitter vulnerability assessment report
BEWT	battle force electronic warfare trainer
BF	base frequency; battle force
BFA	battlefield functional area; bearing-frequency analysis
BFI	bearing frequency indicator
BFIMA	battle force intermediate maintenance activity
BFLC	battle force logistics coordinator
BFM	basic fighter maneuvers
BFO	beat-frequency oscillation; beat-frequency oscillator
BFR	buffer
BFT	blue force tracker; blue force tracking
BFTT	battle force tactical trainer; battle force tactical training
BG	battle group; brigadier general (USA)
BG/TF	battle group/task force
BGAN	Broadband Global Area Network
BGC	battle group commander; boat group commander
BGDBM	battle group database management; battle group database manager
BGen	brigadier general (USMC)
BGIT	battle group in-port training

NTRP 1-02

BGIXS	battle group information exchange subsystem; battle group information exchange system
BGLC	battle group logistics coordinator
BGPHERS	battle group passive horizon extension system
BGS	background shipping
BH	behavioral health
BHA	bomb hit assessment
BHC	British Hovercraft Corporation
BHO	battle handover
BI	battle injury; beacon interrogation
BIAS	buoy-integrated antenna system
BIBS	built-in breathing system
BICEPS	brevity, immediacy, contact, expectancy, proximity, and simplicity
BIDS	bridge information display system
BIIP	Bureau of International Information Programs
BIMA	Biometrics Identity Management Agency
BIOCHEM	biochemist
BIOFACS	biomedical and facilities system
BIT	beam interpolation tracker; built-in test
BITE	built-in test equipment
BIU	beach interface unit; buoy interface unit
BKB	blue kill box
BKGD	background
BKS	broadcast keying station
BL&P	blind-loaded and plugged (projectile)
BLC	business line coordinator
bldg	building
BLDREP	blood report
BLDSHIPREP	blood shipment report

BLG	below-layer gradient
BLL	business line leader
BLM	business line manager
BLOS	beyond line-of-sight
BLRT	business line response team
BLS	basic life support; beach landing site
BLT	battalion landing team
BLU	bomb live unit
BLUG	bottom loss upgrade
BM	ballistic missile; battle management
BMB	Business Management Board
BMBL	Biosafety in Microbiological and Biomedical Labs
BMC2	battle management command and control (USAF)
BMCT	begin morning civil twilight
BMD	ballistic missile defense
BMDC	ballistic missile defense commander
BMDO	Ballistic Missile Defense Organization (now Missile Defense Agency)
BMDS	ballistic missile defense system
BMNT	begin morning nautical twilight
BMOA	ballistic missile operating area
BMOW	boatswain's mate of the watch
BMU	beachmaster unit
BMUP	block modification upgrade program
bn	battalion (BN = USMC)
BNC	bayonet connector
BNML	battalion military liaison
BO	boarding officer; business officer
BOC	bomb on coordinate

NTRP 1-02

BOD	board of directors
BOG	beach operations group
BOI	basis of issue
BOL	bearing-only launch; bill of lading
BOLO	be on the lookout
BOM	bill of material; bill of materials
BOQ	bachelor officer quarters
BOS	base operating support; base operations support; battlefield operating system
BOSG	base operations support group
BOT	bomb on target
BOTAP	beginning of turn action point
BP	battle port; battle position; beach party; bearing profile
BPA	blanket purchase agreement
BPAUV	battlespace preparation autonomous underwater vehicle
BPC	Blatchford-Preston Complex; Building Partnership Capacity; building partner capacity
BPD	blood products depot
BPG	beach party group
BPI	business process improvement
BPS	ballistic protection system; basic psychological operations study; break-point speed
BPT	be prepared to; beach party team
BPWRR	bulk petroleum war reserve requirement
BPWRS	bulk petroleum war reserve stocks
BQ	bachelor quarters
BR	battle rhythm; bearing rider; blade rate
BRAA	bearing, range, altitude, and aspect
BRAC	base realignment and closure
BRC	base recovery course; bearing rate computer

BRDM	boyevaya razvedyatel'naya dozornaya meshina (Russian armored combat reconnaissance patrol vehicle)
BRG	bearing (also BRNG)
BRI	basic rate interface; bearing and range indicator
BRK	biological response kit
BRM	bioregulators/modulators; bottom reference mode
BRNG	bearing (also see BRG)
BRS	broadcast radiating station
BS	bottom-surface
BSA	beach support area; body surface area
BSAR	broadband sonar analog receiver
BSB	broadband split beam
BSC	billet sequence code
BSI	base support installation; body substance isolation
BSL	biosafety level
BSMC	brigade support medical company
BSO	budget submitting office
BSP	base support plan; battlespace profiler; brief stop for personnel
BSU	beach support unit; blood supply unit; boat support unit
BSZ	base security zone
BT	bathothermal; bathythermograph; biological terrorism; boarding team
BTA	biological threat agent
BTB	bridge-to-bridge (ship-to-ship communications)
BTC	Basic Training Command; blood transshipment center
BTG	basic target graphic
BTH	bearing time history; beyond the horizon
BTL	boarding team leader
BTM	boarding team member

NTRP 1-02

BTO	battle tracking overlay
BTP	billet training profile
BTU	beach termination unit
BU	backup; builder (USN rating)
BUB	battle update brief
BUD	basic underwater demolition
BUD/S	basic underwater demolition/SEAL team
BULK	bulk cargo
BUMED	Bureau of Medicine and Surgery (USN)
BUMEDINST	Bureau of Medicine and Surgery instruction
BUNO	bureau number
BUPERS	Bureau of Naval Personnel
BUPERSINST	Bureau of Naval Personnel instruction
BUU	basic user unit
BVM	bag valve mask
BVO	black vinyl overshoes
BVP	beacon video processor
BVR	beyond visual range
BW	bandwidth; biological warfare
BWC	bandwidth correction; battle watch captain; boat wave commander
BWF	basic wind forecast
BWM	basic wind message
BWR	basic wind report
BYD	Barley Yellow Dwarf (plant disease)
BYP	bypass
BZ	beach zone
C	cap; closing; closure; cover
C&D	command and decision; control and display; cover and deception

C&L	capabilities and limitations
C&R	command and reporting; coordination and reporting (network)
C-6	communications and signals staff
C-E LCMC	Communications-Electronics Life Cycle Management Command
C-HAG	Chemical Hazard Assessment Guide
C-IED	counter-improvised explosive device
C-ISR	counterintelligence, surveillance, and reconnaissance
C-ISRT	counterintelligence, surveillance, reconnaissance, and targeting
C-RAM	counter-rocket, artillery, and mortar
C/B	chemical/biological
C/C	ammunition condition code
C/JAOC	combined/joint air operations center
C/JFMCC	combined/joint force maritime component commander
C/JTF	combined/joint task force
C/S	chief of staff (USMC)
C/V	criticality/vulnerability
C2	command and control
C2BMC	command and control battle management center
C2CRE	command and control chemical, biological, radiological, and nuclear response element
C2D2E	command and control in a denied or degraded environment
C2DO	command and control duty officer
C2F	Commander, Second Fleet (also see COMSECONDFLT)
C2ISR	command and control, intelligence, surveillance, and reconnaissance
C2P	command and control processor
C2PC	command and control personal computer (general use term)
C3F	Commander, Third Fleet (also see COMTHIRDFLT)
C4	composition 4 (explosive)
C4F	Commander, Fourth Fleet (also see COMFOURTHFLT)

C4I2	command, control, communications, computers, intelligence, and information
C4IFTW	command, control, communications, computers, and intelligence for the Warrior
C4N	command, control, communications, computers, and navigation
C5F	Commander, Fifth Fleet (also see COMFIFTHFLT)
C5I	command, control, communications, computers, combat systems, and intelligence
C6F	Commander, Sixth Fleet (also see COMSIXTHFLT)
C7F	Commander, Seventh Fleet (also see COMSEVENTHFLT)
CA	chaplain assistant; civil affairs; combat assessment; conical angle; control air
CAB	combat aviation brigade
CAC	coastal assault craft; combat assault craft; Combined Arms Center; common access card; control air, air conditioning; cost account code; current actions center
CAC/FHS	Casualty Assistance Calls and Funeral Honors Support
CAC2S	common aviation command and control system
CACO	casualty assistance calls officer
CAD	cartridge-actuated device; catapult steam drain; collective address designator; computer-aided detection
CADD	Combined Arms Doctrine Directorate
CADK	chemical agent detector kit (USA)
CADRG	compressed arc-second raster chart digitized raster graphic
CADRT	computer-aided dead-reckoning tracer
CAE	command assessment element; counterassault element
CAF	catapult feed
CAFC	commercial activity function code
CAFMS	computer-assisted force management system
CAFS	compressed air-foam system
CAG	carrier air group; carrier air wing commander; central Arabian Gulf; commander air group
CAIII	Challenge Athena III
CAIMS	conventional ammunition integrated management system
CAINS	carrier aircraft inertial navigation system

CAL	critical asset list
cal	caliber
CALCM	conventional air-launched cruise missile
CALMS	computer-aided load manifesting system
CAM	cargo ammunition magazine; chemical agent monitor; clobber analysis module
CAMPS	Consolidated Air Mobility Planning System
CANA	convulsant antidote for nerve agent (diazepam)
CANDI	commercial and nondevelopmental item
CANTCO	cannot comply
CANTPRO	cannot process
CANTRAC	catalogue of naval training courses
CAO	civil affairs operations
CAOC	combined air and space operations center (USAF); combined air operations center
CAP	Civil Air Patrol; combat air patrol; corpsman assault pack; corrective action plan; crisis action planning; crisis action procedures
CAPC	carrier aircraft plane commander
CAPDS	chemical agent point detection system
CAPS	Consolidated Aerial Port System
CAPSET	capability set
CAPT	captain (USN)
CAR	corrective action report
CARC	chemical agent resistant coating
CARGRU	carrier group
CARP	computed air release point; computer and radar processor
CARS	close-aboard ranging system; Communications Security Automated Reporting System
CART	cargo afloat rig team; command assessment of readiness and training; controlled alert response terminal
CARVER	criticality, accessibility, recuperability, vulnerability, effect, and recognizability

CAS	casualty; catapult steam; Chemical Abstract Service; close air support; collaboration at sea; combined antenna system; construction activity summary
CASCOR	casualty correction (report)
CASEVAC	casualty evacuation
CASF	contingency aeromedical staging facility
CASREC	casualty receiving
CASREP	casualty report
CASS	close air support system; command activated sonobuoy system; comprehensive acoustic simulation system
CAST	causal strengths
CAT	civil affairs team; combat application tourniquet; crisis action team
cat	category
CATAS	critical angle towed-array sonar; (NATO) critical angle towed-array system
CATCC	carrier air traffic control center
CATCODE	category code
CATF	commander, amphibious task force
CATM	captive air training missile
CAW	command all the way
CB	center of balance; chemical-biological; construction battalion (Seabees); counter battery
CB-OTH	cutter boat-over the horizon
CBASS	common broadband advanced sonar system
CBC	cargo bed cover; construction battalion center
CBD	chemical, biological defense
CBDR	constant bearing, decreasing range
CBF	conventional beamforming
CBIRF	chemical-biological incident response force
CBL	commercial bill of lading; cutter boat large
CBLUG	consolidated bottom-loss upgrade
CBM	cutter boat, medium

CBMU	construction battalion maintenance unit
CBP	Customs and Border Protection (DHS)
CBP OAM	Customs and Border Protection Office of Air and Marine
CBPP	contagious bovine pleuropneumonia
CBPS	chemical-biological protective shelter
CBR	chemical, biological, and radiological
CBRD	chemical, biological, and radiological defense
CBRDO	chemical, biological, and radiological defense officer
CBRE	chemical, biological, radiological, and environmental; chemical, biological, radiological, and explosive
CBRED	chemical, biological, radiological, and environmental defense (USN)
CBRN	chemical, biological, radiological, and nuclear
CBRN CM	chemical, biological, radiological, and nuclear consequence management
CBRNC	chemical, biological, radiological, and nuclear center
CBRNCC	chemical, biological, radiological, and nuclear control center
CBRND	chemical, biological, radiological, and nuclear defense
CBRNE	chemical, biological, radiological, nuclear, and high-yield explosives
CBRNWRS	Chemical, Biological, Radiological, and Nuclear Warning and Reporting System
CBRT	chemical-biological response team
CBS	close boundary sentry
CBSG	combat sustainment group
CbT	combating terrorism
CBT	common battery terminal
CbT-RIF	Combating Terrorism Readiness Initiatives Fund
CBTZ	combat zone
CBU	cluster bomb unit; construction battalion unit; color burst unit
CBW	chemical and biological warfare

CC	channel controller; close contact; coalition compound; combat control; command center; component commander; contributing command; control console; convoy commander; crew chief; critical capability; cross-correlation; cryptologic center
CCA	carrier control area; carrier-controlled approach; close combat attack; combat cargo assistant; contamination control area; contract construction agent (DOD); craft collection area
CCAT	critical care air transport
CCATT	critical care aeromedical transport team
CCB	Construction Criteria Base
CCC	cargo category code; command and control center; command and control computer; contingency contracting company
CCCT	contingency construction crew training
CCD	camouflage, concealment, and deception; charge-coupled device; closed-cycle diesel
CCDF	common cryptologic data format
CCDR	combatant commander
CCDTV	charge-coupled device television
CCG	combat communications group
CCI	command and control interface; command criminal investigator
CCID	command criminal investigative division
CCIF	Combatant Commander Initiative Fund
CCIR	commander's critical information requirement
CCJTF	commander, combined joint task force
CCL	contamination control line; contingency construction list
CCM	communications countermeasures; cooperative countermeasures; counter-countermeasures; cross-country movement
CCMD	combatant command
CCMRF	chemical, biological, radiological, and nuclear consequence management response force; chemical, biological, radiological, nuclear, and high-yield explosives consequence management response force
CCNCC	Commander, Combined Naval Component Command
CCO	ceiling cutout; central control officer; chief of combat operations; circuit control officer; combat cargo officer

CCOI	critical contact of interest
CCOL	compartment checkoff list
CCOP	cryptologic carry-on program
CCOW	channel control orderwire
CCP	casualty collection point; communications central platform; converter control processor; countermeasure control panel; craft control point; cryptologic coverage plan; landing craft, air cushion control point
CCS	casualty collection station; central control ship; central control station; combat control system; common operational picture correlation site; control and communications subsystem
CCSC	combat cryptologic support console
CCSG	commander, carrier strike group
CCSS	combat cryptologic support system
CCT	craft landing zone control team; combat control team; contamination control team
CCTV	closed-circuit television
CCU	camera control unit; command control unit; common control unit
CCW	counterclockwise
CD	channel designator; collateral damage; counterdetection; counterdrug; critical depth
CD-ROM	compact disc read-only memory
CDB	central database
CDC	Centers for Disease Control and Prevention; child development center; combat decision center; combat direction center; combat division center; common display console; computer display console; control and display console; control display console
CDCM	coastal defense cruise missile
CDCO	combat direction center officer
CDD	capabilities development directorate
CDE	chemical defense equipment; collateral damage estimate; collateral damage estimation; command directed evaluation; common desktop environment
CDF	chemical downwind forecast; combat direction finding
CDI	coherent dwell interval; control display indicator; course deviation indicator
CDIO	collateral duty intelligence officer

CDIS	collateral duty intelligence specialist
CDL	common data link
CDL-N	common data link - Navy
CDLMS	common data link management system; common data link monitoring system
CDM	chemical downwind message; collateral damage methodology; configuration data manager
CDNU	control display navigation unit
CDO	command duty officer
CDP	control display processor; craft departure point; cumulative detection probability
CDR	cargo drop reel; chemical downwind report; commander (USN) (Cdr = USMC); counterdetection range
CDRT	computerized dead-reckoning tracer
CDRTSOC	commander, theater special operations command
CDRUSAFRICOM	Commander, United States Africa Command
CDRUSCENTCOM	Commander, United States Central Command
CDRUSEUCOM	Commander, United States European Command
CDRUSJFCOM	Commander, United States Joint Forces Command
CDRUSNORTHCOM	Commander, United States Northern Command
CDRUSPACOM	Commander, United States Pacific Command
CDRUSSOCOM	Commander, United States Special Operations Command
CDRUSSOUTHCOM	Commander, United States Southern Command
CDRUSSTRATCOM	Commander, United States Strategic Command
CDRUSTRANSCOM	Commander, United States Transportation Command
CDS	combat direction system; commander, destroyer squadron; container delivery system; control display subsystem
CDSE	cryptologic direct support element
CDU	cockpit display unit; control display unit
CE	casualty estimation; circular error; civil engineering; close escort; combat element; command element (MAGTF); construction electrician (USN rating)
CEA	captured enemy ammunition; communications electronic attack

CEB	combat engineer battalion; combined effects bomblet
CEBL	contingency engineering business line
CEC	civil engineer corps; cooperative engagement capability; corporate exigency contract
CECB	combined effects coordination board
CECOM	communications-electronics command
CECOS	Civil Engineer Corps Officer School (USN)
CED	captured enemy document; construction equipment division; conventional energy detection
CEE	captured enemy equipment
CEI	communications-electronics instruction
CEM	combined effects munition; cryptologic electronic countermeasures
CENEODDIVE	Center for Explosive Ordnance Disposal and Diving
CENSEALSWCC	Center for SEAL Team and Special Warfare Combatant-Craft Crewman
CENSECFOR	Center for Security Forces (Navy training course)
CENTRIXS	Combined Enterprise Regional Information Exchange System
CEO	(NATO) convoy escort oiler
CEOI	communications-electronics operating instructions
CEP	circular error probable; contact evaluation plot; cooperative engagement processor; communications electronic protection
CEPN	cooperative engagement processor number
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act (aka SuperFund)
CERFP	chemical, biological, radiological, nuclear, and high-yield explosives enhanced response force package
CERP	Commanders' Emergency Response Program
CERT	computer emergency response team; contingency engineer response team; contingency engineering response team
CERT ID	certified identification
CERTEX	certification exercise
CERTSUB	certain submarine

CES	coast earth station; combat expeditionary support; communications electronic warfare support; cryptologic electronic warfare support
CESE	civil engineering support equipment
CESG	commander, expeditionary strike group
CESO	civil engineer support office
CEU	central electronic unit
CEW	communications electronic warfare
CF	causeway ferry; center frequency; coalition forces; composite force; condensate and feed; conventional forces; critical factor
CFA	cross-field amplifier
CFACC	combined force air component commander
CFAR	constant false alarm rate
CFC	Combined Forces Command, Korea; combined force commander; combined forces commander; common operational picture fusion center
CFD	common fill device
CFE	Combined Enterprise Regional Information Exchange System Four Eyes
CFF	call for fire; clear field of fire
CFG	configuration
CFL	coordinated fire line
CFM	cylinder-filling module
CFMCC	combined force maritime component commander
CFMWC	Canadian Forces Maritime Warfare Centre
CFn	Composeable FORCEnet
CFPS	combat flight planning software
CFR	Code of Federal Regulations; crash, fire, and rescue (USMC); cylinder firing rate
CFS	command function select; community and family support
CFT	cross-functional team
CFTP	cross-functional troop
CG	capacity gauges; center of gravity; Coast Guard; commanding general; guided-missile cruiser; phosgene (choking agent)

CG-C2	Coast Guard command and control
CGA	control gain amplifier
CGAS	Coast Guard Air Station
CGDN+	Coast Guard Data Network Plus
CGFMFLANT	Commanding General, Fleet Marine Forces, Atlantic
CGIS	United States Coast Guard Investigative Service
CGN	guided-missile cruiser, nuclear
CGR	cable gripping release
CGRS	common geographic reference system
CGS	common geopositioning services; common geospatial-intelligence system; common ground station
CGUOFP	Coast Guard Use of Force Policy (USCG)
ch	channel
CH	controlled humidity
CHA	craft holding area
chap	chapter
char	character
CHB	cargo-handling battalion
CHBDL	common high bandwidth data link
CHBUMED	Chief, Bureau of Medicine and Surgery
CHC	Navy Chaplain Corps
CHCS	composite health care system
CHCSS	Chief, Central Security Service
CHE	container-handling equipment
CHET	customs high endurance tracker (Cheyenne III aircraft)
CHINFO	Navy Office of Information
CHNAVPERS	Chief of Naval Personnel
CHOP	change of operational control

CHOPS	chief of operations
CHPPM	See AIPH (Army Institute for Public Health) and USAPHC (United States Army Public Health Command). Formerly USACHPPM (United States Army Center for Health Promotion and Preventive Medicine)
CHRIMP	Consolidated Hazardous Material Reutilization and Inventory Management Program
CHRIS	chemical hazard response information system
CHRP	contaminated human remains pouch
CHS	combat health support
CHT	collection, holding, and transfer (system)
CI	civilian internee; configuration item; control indicator; corrected intercept; correlation index; counterintelligence; critical information
CIA	Central Intelligence Agency
CIAC	command individual augmentee coordinator
CIAT	counterintelligence analytic team
CIB	combat imagery base; communications information bulletin; controlled image base
CIC	combat information center; command information center; combat intelligence cell; content indicator code
CICO	combat information center officer
CICWO	combat information center watch officer
CICWS	combat information center watch supervisor
CID	combat identification; component identification number; criminal investigative division
CIDS	command information display system
CIE	collaborative information environment
CIEA	classification, identification, and engagement area
CIF	commander's in-extremis force
CIFA	counterintelligence field activity
CIFF	centralized identification friend or foe
CIGSS	common imagery ground/surface system
CIHO	counterintelligence/human intelligence officer
CIIC	controlled inventory item code

CIKR	critical infrastructure and key resources
CIM	civil information management
CIN	circuit identification number
CINTEX	combined in-port tactical exercise
CIO	chief information officer; command information officer
CIP	coast-in point; command information program; common imagery processor; common intelligence picture; critical infrastructure protection
CIR	critical incident report
CIRG	Critical-Incident Response Group
CIRM	International Radio-Medical Center (Centro Internazionale Radio-Medico)
CIRT	computer incident response team
CIS	cavitation inception speed; close-in search; combat identification system; common item support; Commonwealth of Independent States; communications and information systems; cooperative identification system
CISF	category of identified signals file
CISM	Conseil International du Sport Militaire; critical incident stress management
CISO	counterintelligence support officer; curriculum and instructional standards office (USN); curriculum and instructional standards officer (USN)
CIT	combined interrogator transponder
CITP	counter-improvised explosive device targeting program
CIU	control-indicator unit
CIVMAR	civil service mariner (MSC); civilian mariner
CIWS	close-in weapon system
CJCS	Chairman of the Joint Chiefs of Staff
CJCSI	Chairman of the Joint Chiefs of Staff instruction
CJCSM	Chairman of the Joint Chiefs of Staff manual
CJIS	criminal justice information services (FBI)
CJSOTF	combined joint special operations task force
CJTF	coalition joint task force; combined joint task force (NATO); commander, joint task force
CK	cyanogen chloride (blood agent)

CKO	chief knowledge officer (corporate title)
CL	centerline; chain link; closed loop; confidence level; countermeasure launcher
CLA	landing craft air cushion launch area
CLAMO	Center for Law and Military Operations (USA JAG Corps)
class	classification
CLB	combat logistics battalion (USMC)
CLC	combat logistics company (USMC); command launch console
CLD/HD	critical low-density/high-demand
CLE	combat logistics element
CLEA	civilian law enforcement agency
CLEARCERT	clear certification
CLEOC	consolidated law enforcement operations center
CLEW	conventional Link 11 waveform
CLF	combat logistics force; commander, landing force; comparative lofar fixing
CLFA	compact low-frequency active
clr	clear
CLR	combat logistics regiment (USMC)
CLREC	Center for Language, Regional Expertise, and Culture
CLS	capsule launch system; combat lifesaver; contractor logistic support; craft landing site; landing craft, air cushion landing site
CLSD	color large-screen display
CLSF	combat logistics support force
CLZ	craft landing zone; landing craft air cushion landing zone
CM	collection management; collection manager; configuration management; consequence management; construction mechanic (USN Rating); corrective maintenance; countermeasure; cruise missile
CM&D	collection management and dissemination
CMA	civil-military affairs; collection management authority; (NATO) contact motion analysis
CMAT	consequence management advisory team

CMB	collection management board
CMC	command master chief; Commandant of the Marine Corps
CMCC	civil-military coordination center
CMCO	countermine counterobstacle
CMCoord	civil-military coordination (UN)
CMCS	communications monitoring and control subsystem
cmd	command
CMD	cruise missile defense
CMDCM	command master chief (USN)
cmdr	commander (also see CDR)
CMDS	countermeasures dispensing system
CME	continuing medical education
CMEB	civil-military engineering board
CMF	Combined Maritime Forces; consolidated mail facility; critical mission facility
CMFC	Combined Maritime Forces United States Central Command
CMG	course made good
CMGS	cruise missile guidance set; cruise missile guidance system
CMI	classified military information
CMIC	civil-military information center
CMM	chief of military mission
CMO	civil-military operations
CMOC	civil-military operations center
CMOS	cargo movement operations system; complimentary metal-oxide semiconductor
CMOS RAM	complementary metal-oxide semiconductor random access memory
CMP	cruise missile project
CMPI	Civilian Marine Personnel instruction
CMR	consolidated memorandum receipt
CMRS	Clarinet Merlin receiving system

CMS	central materiel and supply; classified material security; combat management system; communications materiel security; communications security materiel system; community security materiel system; compact modular sight; countermine system; cryptologic materiel security
CMSA	cruise missile support activity
CMT	contract maintenance team
CMU	concrete masonry unit
CMUX	converter-multiplexer
CMWD	countermeasure washdown
CMWDS	countermeasure washdown system
CN	chloroacetophenone (tear gas or Mace); condensate; counternarcotic
CNA	Center for Naval Analyses; certificate of nonavailability; computer network attack
CNAF	Commander, Naval Air Forces (also see COMNAVAIRFOR)
CNAFINST	Commander, Naval Air Forces instruction
CNB	chloroacetophenone-in benzene
CNBG	commander, naval beach group (also see COMNAVBEACHGRU)
CNC	chloroacetophenone-in chloroform (USA)
CNCI	Comprehensive National Cybersecurity Initiative
CNCS	central network control station
CND	computer network defense
CNE	computer network exploitation
CNET	Chief of Naval Education and Training (USN; now Naval Education and Training Command (NETC))
CNFK	Commander, Naval Forces Korea
CNGB	Chief, National Guard Bureau
CNI	communication, navigation, and identification (avionics system in advanced military fighters)
CNIC	Commander, Navy Installations Command
CNN	Cable News Network
CNNWC	Commander, Naval Network Warfare Command (also see COMNAVNETWARCOM)

CNO	Chief of Naval Operations; computer network operations
CNOH	cyanic acid
CNOIVA	Chief of Naval Operations installation vulnerability assessment; Chief of Naval Operations integrated vulnerability assessment
CNR	combat net radio; commander, Navy region
CNRF	Commander, Navy Reserve Force (also see COMNAVRESFOR)
CNRFC	Commander, Navy Reserve Force Command (also see COMNAVRESFORCOM)
CNSBFK	Commander, Navy Shore-Based Forces Korea
CNSE	commander, Navy support element
CNSF	Commander, Naval Surface Forces (also see COMNAVSURFOR)
CNSFINST	Commander, Naval Surface Forces instruction
CNSWC	Commander, Naval Special Warfare Command (also see COMNAVSPECWARCOM)
CNSWG	commander, naval special warfare group (also see COMNAVSPECWARGRU)
CNSWTF	commander, naval special warfare task force
CNSWTG	commander, naval special warfare task group
CNVA	computer network vulnerability assessment
CO	cargo oil; commanding officer; conscientious objection
co	company (Co = USMC)
CO/FPR	current operation/forward presence requirement
CO/OIC	commanding officer/officer in charge
COA	Certification of Authorization; course of action
COAA	course-of-action analysis
COB	chief of the boat; close of business; contingency operating base; contingency operation base; current onboard
COBLU	cooperative outboard logistics upgrade
COBRA	coastal battlefield reconnaissance and analysis
COC	chain of command; combat operations center; command operation center; command operations center; contaminant of concern; control officer console; current operations cell
COC	(NATO) combat operations centre

NTRP 1-02

COC	(NATO) change of command
COCO	contractor-owned, contractor-operated
COCOM	combatant command (command authority)
COD	carrier onboard delivery; collect on delivery; combat operations division; common operational datasets
CODAG	combination diesel and gas (turbine)
COE	Army Corps of Engineers; common operating environment; consequence of execution
COF	conduct of fire; cutoff frequency
COG	center of gravity; cognizance symbol; commander of the guard; (NATO) course made good over the ground
COGAG	combination gas and gas
COGOG	combination gas or gas
COHO	coherent oscillator
COI	certificate of inspection; community of interest; contact of interest; course of instruction
COIN	common operator interface Navy; counterinsurgency
Col	colonel (USAF & USMC)
COL	colonel (USA); contingency operation location
COLEMP	collection emphasis
COLISEUM	Community Online Intelligence System for End-Users and Managers
COLOP	collection opportunity
COLPRO	collective protection
COLREGS	COMDTINST M16672.2(series), Navigation Rules, Inland-International
COLT	combat observation and lasing team
COM	chief of mission; collection operations management
COM1NCD	Commander, First Naval Construction Division (also see COMFIRSTNCD)
COMAFFOR	commander, Air Force forces
COMCAM	combat camera
COMCARGRU	commander, carrier group
COMCUWTF	commander, combined unconventional warfare task force

COMDAC	command, display, and control (system)
COMDESRON	commander, destroyer squadron (also see CDS)
COMDTINST	Commandant, United States Coast Guard instruction
COMEX	commence exercise
COMFIFTHFLT	Commander, Fifth Fleet (also see C5F)
COMFIRSTNCD	Commander, First Naval Construction Division (also see COM1NCD)
COMFIRSTNCDINST	Commander, First Naval Construction Division instruction
COMFOURTHFLT	Commander, Fourth Fleet (also see C4F)
COMHELSEACOMBATW INGLANT	Commander, Helicopter Sea Combat Wing, Atlantic
COMINT	communications intelligence
COMJSOTF	commander, joint special operations task force (also see CDRJSOTF)
COMJUWTF	commander, joint unconventional warfare task force
COMLOGGRU	commander, logistics group
COMLOGGRU WESTPAC	Commander, Logistics Group, Western Pacific
comm	commercial; communication
COMM	communications (also see COMMS)
COMMARCORLOGCOM	Commander, Marine Corps Logistics Command
COMMARFOR	commander, Marine Corps forces
COMMARFORCOM	Commander, United States Marine Corps Forces Command
COMMARFORPAC	Commander, United States Marine Corps Forces, Pacific
COMMO	communications officer
COMMS	communications (also see COMM)
COMMSHIFT	communication shift
COMNAV	communication/navigation
COMNAVAIRFOR	Commander, Naval Air Forces (also see CNAF)
COMNAVAIRFORINST	Commander, Naval Air Forces instruction
COMNAVAIRLANT	Commander, Naval Air Force, Atlantic

COMNAVAIRPAC	Commander, Naval Air Force, Pacific
COMNAVAIRSYSCOM	Commander, Naval Air Systems Command
COMNAVELSG	Commander, Navy Expeditionary Logistics Support Group
COMNAVFACENGCOM	Commander, Naval Facilities Engineering Command
COMNAVFOR	commander, Navy forces
COMNAVMETOCCOM	Commander, Naval Meteorology and Oceanography Command (also see CNMOC)
COMNAVNETWARCOM	Commander, Naval Network Warfare Command (also see CNNWC)
COMNAVOCEANCOM	Commander, Naval Oceanography Command
COMNAVRESFOR	Commander, Navy Reserve Force (also see CNRF)
COMNAVRESFORCOM	Commander, Navy Reserve Force Command (also see CNRFC)
COMNAVRESFORCOMN OTE	Commander, Navy Reserve Force Command notice
COMNAVRESFORINST	Commander, Navy Reserve Force instruction
COMNAVSEASYSKOM	Commander, Naval Sea Systems Command
COMNAVSPECWARCOM	Commander, Naval Special Warfare Command (also see CNSWC)
COMNAVSPECWARGRU	commander, naval special warfare group (also see CNSWG)
COMNAVSUBFOR	Commander, Naval Submarine Forces
COMNAVSUP	Commander, Naval Supply Systems Command
COMNAVSUPSYSCOM	Commander, Naval Supply Systems Command
COMNAVSURFLANT	Commander, Naval Surface Force, Atlantic
COMNAVSURFLANTINS T	Commander, Naval Surface Force, Atlantic instruction
COMNAVSURFOR	Commander, Naval Surface Forces (also see CNSF)
COMNAVSURFORINST	Commander, Naval Surface Forces instruction
COMNAVSURFPAC	Commander, Naval Surface Force, Pacific
COMNAVSURFPACINST	Commander, Naval Surface Force, Pacific instruction
COMNAVSURFRESFOR	Commander, Naval Surface Reserve Force (also see CNSRF)
COMNECC	Commander, Navy Expeditionary Combat Command
COMOMAG	Commander, Mobile Mine Assembly Group

COMOPTEVFOR	Commander, Operational Test and Evaluation Force
COMP	component
COMP ID	composite identification
COMPASS	common operational modeling, planning, and simulation strategy
COMPHIBGRU	commander, amphibious group (also see CPG)
COMPLAN	(NATO) communication plan; communications plan
COMPSTRON	commander, maritime pre-positioning ships squadron
COMPUSEC	computer security
COMREL	communications relay; community relations; community relations project
COMSAT	communications satellite
COMSC	Commander, Military Sealift Command
COMSCCENT	Commander, Military Sealift Command, Central
COMSCEUR	See COMSCEURAF (Commander, Military Sealift Command Europe and Africa). (Commander, Military Sealift Command, Europe)
COMSCEURAF	Commander, Military Sealift Command Europe and Africa
COMSCFE	Commander, Military Sealift Command, Far East
COMSCINST	Commander, Military Sealift Command instruction
COMSCLANT	Commander, Military Sealift Command, Atlantic
COMSCPAC	Commander, Military Sealift Command, Pacific
COMSEC	communications security
COMSECONDFLT	Commander, Second Fleet (also see C2F)
COMSECONDNCB	Commander, Second Naval Construction Brigade
COMSEVENTHFLT	Commander, Seventh Fleet (also see C7F)
COMSIXTHFLT	Commander, Sixth Fleet (also see C6F)
COMSOCCENT	Commander, Special Operations Command, United States Central Command
COMSOCEUR	Commander, Special Operations Command, United States European Command
COMSOPAC	Commander, Special Operations Command, United States Pacific Command
COMSOC SOUTH	Commander, Special Operations Command, United States Southern Command

COMSPAWARSSYSCOM	Commander, Space and Naval Warfare Systems Command
COMSPOT	communications spot report
COMSTAT	communications status
COMSTRIKEFLTANT	Commander, Striking Fleet, Atlantic
COMSTRIKEFORTRALANT	Commander, Strike Force Training, Atlantic (also see CSFTL)
COMSTRIKEFORTRAPAC	Commander, Strike Force Training, Pacific (also see CSFTP)
COMSTRIKFOR SOUTH	Commander, Naval Striking and Support Forces, Southern Europe
COMSUBACLANT	Commander, Submarine Allied Command, Atlantic
COMSUBDEVRON	commander, submarine development squadron (also see CSDS)
COMSUBDEVRON TWELVE	Commander, Submarine Development Squadron Twelve (also see CSDS-12)
COMSUBFOR	Commander, Submarine Force (also see CSF)
COMSUBGRU	commander, submarine group
COMSUBLANT	Commander, Submarine Force, United States Atlantic Fleet
COMSUBLANTINST	Commander, Submarine Force, Atlantic Fleet Instruction
COMSUBPAC	Commander, Submarine Force, United States Pacific Fleet
COMSUBPACINST	Commander, Submarine Force, Pacific Fleet Instruction
COMSUBRON	commander, submarine squadron
COMSURFWARDEVGRU	Commander, Surface Warfare Development Group
COMTACGRU	commander, tactical air control group (also see CTG)
COMTECHREP	complementary technical report; comprehensive technical report
COMTENTHFLT	Commander, Tenth Fleet
COMTHIRDFLT	Commander, Third Fleet (also see C3F)
COMTHIRDNCB	Commander, Third Naval Construction Brigade
COMUNDERSEASURV	Commander, Undersea Surveillance (also see CUS)
COMUSAFCENT	Commander, United States Air Forces Central
COMUSFF	Commander, United States Fleet Forces Command (also see COMUSFLTFORCOM)

COMUSFLTFORCOM	Commander, United States Fleet Forces Command (also see COMUSFF)
COMUSMARCENT	Commander, United States Marine Forces, Central Command
COMUSNAVCENT	Commander, United States Naval Forces, Central Command
COMUSNAVEUR	Commander, United States Naval Forces, Europe
COMUSNAVNORTH	Commander, United States Naval Forces, Northern Command
COMUSNAVSO	Commander, United States Naval Forces, Southern Command
COMUSPACFLT	Commander, United States Pacific Fleet (also see CPF)
CON	construction
CONAUTH	controlling authority
CONCAP	construction capabilities contract (USN); contingency construction capabilities
CONEX	container express
CONF	confidence
CONFIG	configuration
CONOPS	concept of operations
CONPLAN	concept plan; contingency plan; operation plan in concept format
CONR	continental United States North American Aerospace Defense Command Region
CONREP	connected replenishment
CONSCAN	conical scan
CONSOL	consolidate; consolidation; consolidation operations
CONUS	continental United States
COO	combined obstacle overlay
COOP	continuity of operations
COORD	coordination; coordinator
COP	coast-out point; combat outpost; common operational picture; community of practice
COPE	custodian of postal effects
COPS	communication planning support; current operations
COR	contracting officer's representative
CORBA	common object request broker architecture

NTRP 1-02

CORE	contingency response program
CORT	coherent receiver/transmitter
COS	chief of staff; chief of station; CO2 removal service; combat and operational stress; contingency operation site
COSAG	combination steam and gas
COSAL	consolidated shipboard allowance list
COSBAL	coordinated shore-based allowance list
COSC	combat and operational stress control
COSPAS	cosmicheskaya sistyema poiska avariynch sudov - space system for search of distressed vessels (Russian satellite system)
COSR	combat and operational stress reactions; conventional ordnance safety review
COSRIVDIV	coastal river division
COT	commanding officer of troops; container operations terminal
COTD	commanding officer's tactical display
COTP	captain of the port
COTR	contracting officer's technical representative
COTS	commercial off-the-shelf
COVEC	covert vector
COW	chief of the watch
COWAN	coalition-wide area network; combined operations wide area network
cP	centipoise
CP	casualty panel; casualty power; checkpoint; chemical protection; chemical protective; coded pulse; collection point; collective protection; command post; computer programmer; contact point; control panel; control plan; control point; counterproliferation
CP&I	coastal patrol and interdiction
CPA	Chairman's program assessment; closest point of approach
CPAF	cost-plus award fee (contract)
CPB	coastal patrol boat
CPCL	component prioritized collection list
CPD	combat plans division

CPDEPMEDS	chemically protected deployable medical system
CPE	collective protection equipment
CPEG	cross program electronic intelligence geolocation
CPMEDS	collectively protected expeditionary medical support
CPF	combat pre-positioning force; Commander, United States Pacific Fleet (also see COMUSPACFLT)
CPFC	chemical protective footwear cover
CPFL	contingency planning facilities list
CPG	Comprehensive Preparedness Guide; Contingency Planning Guidance
CPHD	copperhead
CPHMEP	collective protection hospital medical expansion package
CPHSEP	collective protection hospital surgical expansion package
CPL	contamination purge lock
CPM	communications planning module; critical-path method
CPMA	common postmission analysis
CPO	chief petty officer (USN)
CPOF	command post of the future
CPOIC	chief petty officer in charge
CPP	controllable-pitch propeller; craft penetration point; critical performance parameter; landing craft, air cushion penetration point
CPR	cardiopulmonary resuscitation; counterdetection perimeter range
CPRG	Commander, Patrol and Reconnaissance Group (also see COMPATRECONGRU)
CPRW	commander, patrol and reconnaissance wing
CPS	chemical protection system; collective protection system; collective protective shelter; communications planning system
CPSPEARR	collectively protected small portable expeditionary aeromedical rapid response
CPSSS	collectively protected small shelter system
CPT	casualty power terminal
CPU	central processing unit; chemical protective undergarment

NTRP 1-02

CPX	command post exercise
CQB	close-quarters battle
CQC	close-quarters combat (hand to hand)
CQD	close-quarters defense
CQM	close quarters marksmanship
CR	civil reconnaissance; collection requirement; close range; combat requirement; counterreconnaissance; critical requirement
CRA	coordinating review authority
CRAF	Civil Reserve Air Fleet
CRATT	covered radio teletype
CRC	control and reporting center; crisis response cell; cryptologic resource coordinator; cyclic redundancy check
CRCC	combined rescue coordination center
CRD	chemical reconnaissance detachment; combatant commander's required date
CRE	contingency response element
CRED	Center for Research of the Epidemiology of Disasters
CREDO	Chaplains Religious Enrichment Development Operation
CRES	corrosion-resistant steel
CREW	counter radio-controlled improvised explosive device electronic warfare
CRG	communication reporting gate; contingency response group
CRH	calibrated reference hydrophone
CRI	collective routing indicator
CRITIC	critical information
CRITICOMM	critical intelligence communications system
CRM	corrosion-related magnetic (field)
CRMP	contract religious ministry professional
CRN	contact reference number
CRO	character readout; combat rescue officer; (NATO) crisis response operation
CROP	common relevant operational picture

CROSSTAC	cross tactic
CRP	command religious program; common reference point; control and reporting post; controllable reversible pitch
CRPA	controlled radiation pattern antenna
CRRC	combat rubber raiding craft
CRS	coastal radio station
CRS	central reservation system; coastal river squadron; (NATO) crisis response shipping
CRT	cathode-ray tube; construction readiness training; Contingency Response Team (USAF)
CRTS	casualty receiving and treatment ship
CRUDES	cruiser-destroyer
CRV7	Canadian rocket vehicle 7
crypto	cryptographic; cryptography; cryptology
CRZ	controlled-reaction zone
CS	call sign; civil support; coalition support; combat support; combat system; command subsystem; communications system; continuous search; control segment; control system; correlation summary; creeping line single-unit; culinary specialist (USN rating); (o- or 2-) chlorobenzylidene malononitrile (riot control tear agent (tear gas))
CSA	Chief of Staff, United States Army; close support area; combat systems assessment; combat support area; corps storage area; countermeasure set, acoustic
CSABR	course, speed, altitude, bearing, and range
CSAF	Chief of Staff, United States Air Force
CSAR	combat search and rescue
CSARDO	combat search and rescue duty officer
CSARTF	combat search and rescue task force
CSB	combat support brigade
CSB(ME)	combat support brigade (maneuver enhancement)
CSC	combat support center; combat system coordinator; convoy support center; creeping line single-unit coordinated; International Convention for Safe Containers
CSCG	communication system control group
CSCI	computer software configuration item
CSCO	coastal sea control operations

CSCW-1	Commander, Strategic Communications Wing One
CSDC	central signal data converter
CSDF	civilian self-defense force
CSDS	commander, submarine development squadron (also see COMSUBDEVRON)
CSDS-12	Commander, Submarine Development Squadron Twelve (also see COMSUBDEVRON TWELVE)
CSE	common support equipment; convoy security element
CSEL	combat survivor evader locator
CSEPP	Chemical Stockpile Emergency Preparedness Program (FEMA)
CSER	combat system equipment room
CSES	canister safe/enable switch; combat systems equipment space
CSF	colony stimulating factor; Commander, Submarine Force (also see COMSUBFOR)
CSFE	Center for Seabees and Facilities Engineering
CSFMP	Combat Systems Frequency Management Program
CSFTL	Commander, Strike Force Training, Atlantic (also see COMSTRIKEFORTRALANT)
CSFTP	Commander, Strike Force Training, Pacific (also see COMSTRIKEFORTRAPAC)
CSG	carrier strike group; clean strobe generation; commander, submarine group; Cryptologic Support Group
CSH	combat support hospital
CSITE	combat system integrated training equipment
CSL	combat stores list
CSLC	coherent sidelobe cancellation
CSM	conceptual site model
CSMA	carrier sense multiple access
CSMC	combat system maintenance central
CSMP	current ship maintenance project
CSN	channel sequence number
CSNP	causeway section, nonpowered
CSO	chief staff officer; combat systems officer

CSOCC	combat system operational casualty control
CSOI	critical signal of interest (specific electronic signal such as radar)
CSOOW	combat system officer of the watch
CSOP	combat system operational procedures
CSOSS	combat system operational sequencing system
CSP	causeway section, powered; commence search point; communication service plan; contingency support package; contingency support plan; control and status panel
CSR	combat stress reaction; controlled supply rate
CSRO	combat system repair officer
CSS	Central Security Service; closed-side setting; Coastal Systems Station; combat service support; commander, submarine squadron; common system services; contingency support study
CSSA	combat service support area
CSSFS	common system services functional segment
CSSOC	combat service support operations center
CSSQT	combat system ship qualification trials
CSST	combat service support team
CSSTP	combat service support troop
CST	civil support team; coalition support team; combat skills training; combat support team; common operational picture synchronization tool; console-selected target; construction support team; craft landing zone support team; critical sea test
CSTAR	combat systems training and readiness
CSTG	combat systems training group
CSTMDXNET	common operational picture synchronization tool message data exchange network
CSTOM	combat system technical operations manual
CSTP	combat system techniques and procedures
CSTT	combat system training team
CSV	countersurveillance
CSW	coordinate seeking weapons; crew-served weapon
CSWP	crushing, screening, and washing plant

NTRP 1-02

CT	cipher text; concentration time; control transformer; counterterrorism; cryptologic technician (USN rating)
CTA	common table of allowance; cryptologic technician - administration (USN rating)
CTC	cargo tank cleaning; cargo transfer company; contact
CTCZ	carrier tactical control zone
CTD	conductivity, temperature, and depth (salinity measurement)
CTE	commander, task element
CTF	combined task force; commander, task force
CTFM	continuous transmission, frequency modulated
CTFP	Counterterrorism Fellowship Program
CTG	combined task group; commander, tactical air control group; commander, task group
CTI	cryptologic technician - interpretive (USN rating)
CTII	Combat Track II
CTIMS	command tactical information management system; contact information management system
CTL	candidate target list; commander's task list
CTM	class tactical manual; component target manager; composite track management; cryptologic technician-maintenance (USN rating)
CTN	cryptologic technician - networks (USN rating)
CTO	computer tasking order; control tower operator; cryptologic technician - communications (USN rating)
CTOPS	cruise missile mission planning training and operating procedures standardization
CTOT	coordinated time on top
CTP	class tactical publication; common tactical picture
CTPM	common tactical picture manager
CTR	cooperative threat reduction; cryptologic technician-collection (USN rating)
CTS	clear to send; coastal target suppression; course-to-steer
CTSI	common track store indicator
CTSL	common track stores locator; communication target signal list
CTSS	Continuing Training and Support Software

CTT	commander's tactical terminal; cryptologic technician - technical (USN rating)
CTT/H-R	commander's tactical terminal/hybrid-receive only
CTTG	countertargeting
CTU	commander, task unit; contracting team unit
CTW	(NATO) course made good through the water
CU	common unit; control unit; cooling unit
CUB	cryptologic unified build
CUCC	contact under close control
CUDIXS	common user digital information exchange system
CUIC	component unit identification code
CUL	common-user logistics
CURV	cable-controlled underwater recovery vehicle
CUS	Commander, Undersea Surveillance (also see COMUNDERSEASURV)
CUWTF	combined unconventional warfare task force
CV	aircraft carrier; cardio-vascular; check valve; critical vulnerability; crypto variable
CV-ASWM	aircraft carrier antisubmarine warfare module
CV-SHARP	(Aircraft) Carrier-Sierra Hotel Aviation Readiness Program
CVAMP	Core Vulnerability Assessment Management Program
CVBG	carrier battle group
CVC	consecutive voyage charter
CVIC	carrier intelligence center
CVN	aircraft carrier, nuclear (see also CV)
CVOA	carrier operating area
CVT	controlled variable time (fuze)
CVT-RF	controlled variable time-radio frequency
CVTG	carrier task group
CVW	carrier air wing; crypto variable weekly
CW	chemical warfare; chilled water; circle WILLIAM; continuous wave; cooperating witness

CWA	chemical warfare agent
CWAM	continuous wave amplitude modulated
CWAN	combined wide area network
CWAR	continuous wave acquisition radar
CWC	Chemical Weapons Convention; composite warfare commander
CWDD	chemical warfare directional detector
CWDS	combat weapon delivery software
CWI	continuous wave illumination; continuous wave illuminator
CWMD	combating weapons of mass destruction
CWO	chief warrant officer; communications watch officer
CWOSM	composite warfare oceanographic support modules
CWS	chilled water supply
CWSP	commercial wideband satellite-communication (SATCOM) program
CX	circle XRAY; phosgene oxime (blister agent)
CYBERFOR	Navy Cyber Forces
CZ	circle ZEBRA; contiguous zone; convergence zone
CZR	convergence zone range
CZW	convergence zone width
D	delay; depot; depth; door
D&D	denial and deception; detection and detectability
D&M	detection and monitoring
D&T	detection and tracking
D/A	digital-to-analog (conversion)
D/C	ammunition defect code
D/E	depression/elevation (angle)
D/L	data link
D/T	detector/tracker
D/TM	detector/tracker monitor

D3A	decide, detect, deliver, and assess
D7CC	District Seven Command Center
DA	decision authority; Department of the Army; diesel air (starting and shutdown); direct action
DAADC(AMD)	deputy area air defense commander for air and missile defense
DAAS	defense automatic addressing system
DAASC	Defense Automatic Addressing System Center
DAASO	defense automatic addressing system office
DAC	Defense Ammunition Center
DACAS	digitally aided close air support
DACG	departure airfield control group
DACM	defensive air combat maneuvering
DACT	data automated communications terminal
DAD	detailed aircraft decontamination
DAF	Department of the Air Force
DAFIF	digital aeronautical flight information files
DAGR	defense advanced Global Positioning System receiver
DAHA	dual-axis head assembly
DAIR	direct altitude and identity readout
DAL	defended asset list
DALS	downed aviator locator system (USN)
DAMA	demand assigned multiple access
DAME	distance azimuth measuring equipment
DAMES	defense automatic addressing system automated message exchange system
DAMP	digital antenna mast program
DAO	defense attaché office; defense attaché officer
DAP	defensive armed penetrator; DEMON/audio processor
DAPA	drug and alcohol program advisor

NTRP 1-02

DAR	designated area for recovery
DARS	daily aerial reconnaissance syndicate
DART	disaster assistance response team
DAS	deep air support (USMC); defensive armament subsystem; direct action section; direct air support
DASC	direct air support center (USMC)
DASC(A)	direct air support center (airborne)
DASH	drone antisubmarine helicopter
DASN(L)	Deputy Assistant Secretary of the Navy (Logistics)
DASO	demonstration and shakedown operations
DAT	damage assessment team; digital audio tape
DATCALS	deployable air traffic control and landing system
DATSD(NM)	Deputy Assistant to the Secretary of Defense for Nuclear Matters
DATT	defense attaché
DAWG	deployable array working group
DAWIA	Defense Acquisition Workforce Improvement Act of 1990
DB	database; depth bomb; design-build
DBDB	digital bathymetric database
DBF	digital beamformer
DBM	database management; database manager
DBOF	Defense Business Operations Fund
DBS	direct broadcast satellite
DBT	doctrinal bottom type
DC	damage control; damage controlman (USN rating); Dental Corps; direct current; dislocated civilian
DC&T	detection, classification, and tracking
DC, I&L	Deputy Commandant, Installations and Logistics
DCA	damage control assistant (USN); defensive counterair; dual-capable aircraft
DCAG	deputy carrier air group commander

DCAP	data collection and analysis plan
DCB	doctrine control branch
DCC	damage control central; digital control console; display and control console
DCCP	display control computer program
DCD	design change directive
DCDR	deputy commander
DCE	defense coordinating element
DCGS	distributed common ground system; distributed common ground/surface system
DCGS-A	distributed common ground system-Army
DCGS-N	Distributed Common Ground System-Navy
DCI	defense critical infrastructure; defensive counterinformation; Director of Central Intelligence
DCII	Defense Central Index of Investigations
DCJTF	deputy commander, joint task force
DCM	dangerous cargo manifest; deputy chief of mission
DCMS	digital communications management system; Director, Communications Security Material System
DCN	data link coordination net
DCNI	unclassified controlled nuclear information (DOD)
DCO	damage control officer; Defense Collaboration Online; Defense Connect Online; defense coordinating officer; depth cutout; Deputy Commandant for Operations
DCOS	deputy chief of staff
DCPO	damage control petty officer
DCREL	damage control reentry locker
DCRS	damage control repair station; Digital Camera Receiving Station
DCS	damage control supervisor; data collection supervisor; Defense Communications System; Defense Courier Service; deployable cartridge sampler; digital communications system
DCSINT	Deputy Chief of Staff for Intelligence
DCST	Defense Logistics Agency contingency support team
DCT	depth control tank; digital communications terminal

DCTS	Defense Collaboration Tool Suite
DCTT	damage control training team
DCU	data conversion unit; data converter unit; display control unit
DCUL	damage control unit locker
DCUPS	damage control unit patrol station
DCW	Digital Chart of the World
DD	deck drain (without closure device); Department of Defense (form); destroyer; diesel direct; direct deployment
DDA	disk drive assembly
DDASS	Department of Defense Defense Support of Civil Authorities Automated Support System
DDC	data display console; defense distribution center; defensive driver course; direct digital control
DDD	desired delivery date; digital data distribution; drug detection dog
DDEU	digital data entry unit
DDG	guided-missile destroyer
DDI	deceptive electronic countermeasures decoy integration; digital display indicator
DDOC	Deployment and Distribution Operations Center (USTRANSCOM)
DDP	detachment deployment package
DDRT	digital dead reckoning tracer
DDRV	Defense Depot Richmond, Virginia
DDS	data dissemination service
DDS	data display subsystem; data distribution system; digital data storage; digital data system; direct deposit system; dry deck shelter; dry dock shelter
DDU	data distribution unit
DE	deployable element; depression angle; depth excess; diesel-electric; directed energy; Doppler enable
DE-CGS	distributed common ground system-Army enabled common ground station
DEA	deceptive electronic attack; Drug Enforcement Administration
DEAC	data exchange auxiliary console
DEAD	destruction of enemy air defenses

DEC	dynamic effects cell
DeCA	Defense Commissary Agency
DECL	declassified; declassify
DECM	deceptive electronic countermeasures; defensive electronic countermeasures
DECON	decontamination
DED	detailed equipment decontamination
DEFCON	defense readiness condition
DEFPAT	defensive patrol
DEFSMAC	Defense Special Missile and Astronautics Center
deg	degaussing
del	delete
DEL	deployable equipment list
DEM	digital elevation matrix
demil	demilitarization
demo	demonstration
DEMOD	demodulate; demodulation
DEMON	demodulated noise
DENCAP	dental civic action program
DEPMEDS	deployable medical systems
DEPORD	deployment order
DER	digital electronic readout
DES	data encryption standard; digital encryption standard
DESC	Defense Energy Support Center; Defense Environmental Security Council
DESRON	destroyer squadron
dest	destination
DET	distributed explosive technology
det	detachment (Det = USMC); detonating; detonation
DEU	digital electronics unit

DEW	directed-energy weapon
DEZ	desired engagement zone; dual engagement zone
DF	direction finder; direction finding
DFAC	dining facility
DFAD	digital feature analysis data
DFAMS	defense fuel automated management system
DFAS	Defense Finance and Accounting Service
DFCI	digital fire control interface
DFE	digital filter element; digital filtering element
DFI	Director of Fleet Intelligence
DfID	Department for International Development (UK)
DFM	diesel fuel, marine
DFS	digital scene matching area correlation flight software
DFSC	Defense Fuel Supply Center
DFSP	defense fuel support point
DFT	deaerating feed tank; deployment for training
DFU	dry filter unit
DFW	diesel freshwater cooling
DG	diesel generator; directional gyro
DGPS	differential global positioning system
DGS	data gathering system; deployable ground station; distributed ground system
DH	department head
DHAPP	DOD Human Immunodeficiency Virus/Acquired Immune Deficiency Syndrome Prevention Program
DHD	down-the-hole drill
DHHS	Department of Health and Human Services
DHS	Department of Homeland Security
DHU	diver-held unit

DI	data input; directivity index; director/illuminator; discrete identifier
DIA	Defense Intelligence Agency
DIAL	differential absorption laser identification, detection, and ranging
DIB	defense industrial base
DICASS	directional command-activated sonobuoy system
DiD	defense in depth
DID	data identification
DIEOB	Defense Intelligence Electronic Order of Battle
difar	directional frequency analysis and recording
DIFCREW	duty involving flying as a crew member
DII	defense information infrastructure
DIM	daily intentions message
DIME	diplomatic, informational, military, and economic
DIMO	Defense Institute for Medical Operations
DIMOC	Defense Imagery Management Operations Center
DIMUS	digital multibeam steering
DINFOS	Defense Information School
DIO	defensive information operations
DIACC	Defense Intelligence Operations Coordination Center (DIA)
DIP	desired impact point
DIRD	defense intelligence reference document
DIRLAUTH	direct liaison authorized
DIRMOBFOR	director of mobility forces
DIRNSA	Director, National Security Agency
DIRSSP	Director, Strategic Systems Program
DIS	daylight imaging sensor; daylight imaging system; defense information system; draft, trim, list, ship motions
DISE	deployable intelligence support element

DISMS	defense integrated subsistence management system
DISN	Defense Information Systems Network
DISO	deception in support of operations security (OPSEC)
DISREP	discrepancy in shipment report
DIST	distraction
DISUM	daily intelligence summary
DITAC	directional frequency analysis and recording pointing tactic
div	division (Div = USMC)
DIVARTY	division artillery
DIVO	division officer
DIW	dead in the water
DIWC	deputy information operations warfare commander
DIWS	digital imagery workstation; digital imagery workstation suite
DIWSA	digital imagery workstation afloat
DJFMCC	deputy joint force maritime component commander
DK	deck
DL	direct labor
DLA	data link address; deck-launched alert; Defense Logistics Agency
DLA Document Services	Defense Logistics Agency Document Services (formerly Document Automation and Production Service (DAPS))
DLC	downlink communication (sonobuoy)
DLCS	data link communication system
DLI	deck-launched interceptor
DLIS	Defense Logistics Information Service
DLJ	down-link jamming
DLMS	Defense Logistics Management System
DLOB	delete line of bearing
DLP	decoy launch processor; Doctrine Literature Program

DLPP	decoy launch processor program
DLQ	deck landing qualification
DLR	depot-level repairable
DLRP	data link reference point
DLS	data link suite; decoy launching system
DLSC	Defense Logistics Support Center
DLSS	divers life support system
DLT	digital linear tape
DM	diphenylaminechloroarsine (adamsite, nerve agent); data management; data manager; designated marksman
DMA	Defense Media Activity
DMAHTC	Defense Mapping Agency Hydrographic Topographic Center
DMAT	defective material assistance team; disaster medical assistance team
DMB	datum marker buoy
DMC	deployed medical commander
DMCC	deputy mission crew commander
DMD	digital map display
DME	distance measuring equipment
DMHT	distributed multihypothesis tracker (target speed)
DMI	destructive mutual interference
DMISA	defense maintenance interservice support agreement
DMLGB	dual-mode laser-guided bomb (GBU-12F/B)
DMLSS	Defense Medical Logistics Standard Support
DMMPO	Defense Medical Materiel Program Office
DMO	diving medical officer
DMOB	defensive missile order of battle
DMORT	disaster mortuary operational response team (US Public Health Service)
DMP	data management processor

DMPI	designated mean point of impact; desired mean point of impact
DMS	data multiplexing system; deep moored sweep; Defense Mapping School; defense message system; disk memory set; dual-mode seeker
DMSB	Defense Medical Standardization Board
DMSP	Defense Meteorological Satellite Program
DMSS	Defense Medical Surveillance System
DMT	deployment movement team; dual-mode tracker
DMTI	digital moving target indicator; dismounted moving target indicator
DNA	Defense Nuclear Agency; deoxyribonucleic acid
DNBI	disease and nonbattle injury
DNC	digital nautical chart
DNCS	data net control station
DNCU	data net control unit
DNEC	distributed Navy enlisted classification (code)
DNI	Director of National Intelligence; Director of Naval Intelligence
DNP	dummy nose plug
DNS	Doppler navigation system
DNVT	digital nonsecure voice telephone
DO	diesel oil; director of operations; disbursing officer; distributed operations; duty officer
DOA	direction of arrival
DOAF	Department of the Air Force
doc	document (file name extension)
DOC	degree of confidence; Department of Commerce; Department of Conservation; direct operator control
DOCC	deep operations coordination cell
DOCEX	document exploitation
DOD	date of delivery; Department of Defense
DOD MRP	Department of Defense Munitions Requirements Process
DODAAC	Department of Defense activity address code

DODAAD	Department of Defense Activity Address Directory
DODAC	Department of Defense ammunition code
DODD	Department of Defense directive
DODI	Department of Defense instruction
DODIC	Department of Defense identification code
DODIIS	Department of Defense Intelligence Information System
DODX	Department of Defense-owned railcar
DOE	Department of Energy
DOEHS	Defense Occupational and Environmental Health Readiness System
DOEHS	Defense Occupational and Environmental Health Surveillance
DOF	degree of freedom; depth of fire
DOG	deployable operations group
DOGS	deployable oxygen generation system
DOI	date of information; Department of the Interior
DOJ	Department of Justice
DOL	directorate of logistics
DOMEX	document and media exploitation
DON	Department of the Navy
DONCJIS	Department of Navy Criminal Justice Information System
DOOW	diving officer of the watch
DOP	designated overhaul point; dilution of precision; dilution of processing
DOR	desired out range
DOS	days of supply; Department of State; diesel oil service
DOT	deep ocean transponder; Department of Transportation; desert operation trailer; detection opportunity time
DOTMLPF	doctrine, organization, training, materiel, leadership and education, personnel, and facilities
DOW	died of wounds

NTRP 1-02

DP	decision point; decisive point; departure point; depth; differential pressure detector; diphosgene (choking agent); direct path; dual-purpose
DPAS	Defense Property Accountability System
DPB	deployable pursuit boat
DPC	data processing center; data processing computer; deception planning cell
DPCA	displaced phase center antenna
DPD	diver propulsion device
DPG	Defense Planning Guidance
DPI	desired point of impact
DPICM	dual-purpose improved conventional munitions
DPL	digital photo lab
DPMIAC	Defense Pest Management Information Analysis Center
DPO	distribution process owner
DPPDB	digital point positioning database
DPS	data processing subsystem; data processing system; deployable particulate sampler
DPSC	Defense Personnel Support Center
DPU	digital processing unit
DPV	desert patrol vehicle; diver propulsion vehicle
DPW	director of public works
DQO	data quality objective
DR	dead reckoning; deployable radar; destruct range; diesel reduction; disaster relief; drain; drift rate; dual role
DRAI	dead reckoning analyzer indicator
DRAM	dynamic random access memory
DRASH	deployable ready assembly shelter
DRAW-D	defend, reinforce, attack, withdraw, and delay
DRB	discarding rotating band; doctrine review board
DRCD	domestic-response casualty decontamination
DRF	disaster response force

DRFM	digital radio frequency memory
DRI	direct reading instrument
DRM	direction of relative motion
DRMO	Defense Reutilization and Marketing Office
DRMS	Defense Reutilization and Marketing Service
DRO	data readout; digital readout
DRP	data reference point; data retrieval program
DRRS	Defense Readiness Reporting System
DRRS-N	Defense Readiness Reporting System-Navy
DRRS-S	Defense Readiness Reporting System-Strategic
DRSN	Defense Red Switched Network
DRT	dead reckoning tracer; decoy recognition test; digital receiver technology
DS	database specification; deck socket; direct support; directed search; distance support; doctrine statement
DSA	defensive sea area; depth sensor assembly; designated search area; digital spectrum analyzer
DSAM	defense system analysis module
DSC	deep sound channel; defense supply center; digital selective calling
DSCA	deep sound channel axis; Defense Security Cooperation Agency; defense support of civil authorities
DSCP	Defense Supply Center Philadelphia
DSE	direct support element; dynamic spectral equalization; dynamic spectrum equalizer
DSF	deployable specialized forces (USCG)
DSIATP	defense sensor interpretation and application training program
DSL	deep scattering layer
DSLCL	deck station launcher control
DSMAC	digital scene-matching area correlation
DSN	defense services network; Defense Switched Network
DSO	defensive system operator

DSOT	daily system operability test
DSP	Defense Satellite Program; Defense Support Program; digital signal processing
DSPD	defense support to public diplomacy
DSR	data send ready
DSRV	deep submergence rescue vehicle (self-propelled)
DSS	data switching subsystem
DSSC	direct support stock control
DSSG	depth/sound/speed group
DSSS	direct sequence spread spectrum
DST	decision support template; defense scientific technical; destructor (mine)
DT	dwelt time; dynamic targeting
DTA	destination terminal address; dual towed array
DTAMS	digital terrain analysis mapping system
DTAS	depressed towed-array sonar; (NATO) depressed towed-array system
DTAV	Department of Defense total asset visibility
DTC	default threat category; desktop computer; dynamic targeting cell
DTD	data transfer device; data transport device; detailed troop decontamination
DTE	detect-to-engage
DTED	digital terrain elevation data
DTF	dental treatment facility
DTG	date-time group; detection-tracking group
DTL	deployable team leader; dynamic targeting list
DTM	digital target materials
DTMF	dual tone multifunction
DTO	digitally tuned oscillator; direct turnover; drug trafficking organization
DTOC	division tactical operations center
DTOP	digital topographic data
DTOT	designated time on target

DTR	defense transportation regulation
DTRA	Defense Threat Reduction Agency
DTRANSEDI	Department of Defense transportation electronic data interchange
DTRC	David Taylor Research Center
DTRG	Defense Technical Response Group
DTRM	dual-thrust rocket motor
DTS	data terminal set; data transfer system; Defense Transportation System
DTT	dynamic test target
DTTS	Defense Transportation Tracking System
DTU	data transfer unit; digital tracking unit
DTV	day television
DU	data utilization; depleted uranium; desalination plant; detection unit; display unit
DUC	defense unit commander
DUD	distilling plant brine overboard
DV	distinguished visitor; drain valve
DVA	Department of Veterans Affairs
DVECC	disease vector ecology and control center
DVEP	disease vector ecology profile
DVI	Defense Visual Information
DVO	direct view optics
DVQ	distinguished visitors quarters
DVR	digital video recorder
DW	deep water
DWG	deception working group
DWI	disaster welfare information
DWL	draft waterline
DWS	demineralized water system
DWT	deadweight ton; demineralized water transfer system

NTRP 1-02

DX	data extraction
DZ	dog ZEBRA; drop zone
DZOI	depth zone of interest
E	electric wave; enhanced
E&E	electrical and electronic; evasion and escape
E&R	evasion and recovery
e-mail	electronic mail
E/I	echo-to-interference ratio
E3	electromagnetic environmental effects
ea	each
EAB	echelons above brigade; emergency air breathing
EAC	echelons above corps; emergency action committee; equal angle coverage; expected approach clearance
EAD	earliest arrival date; echelons above division
EADS	Eastern Air Defense Sector
EAF	expeditionary airfield
EAFW	electronics and auxiliary freshwater cooling
EAG	expeditionary action group
EAOS	end of active obligated service (date)
EAP	emergency action plan; emergency action procedures
EARF	electronic attack request format
EAS	electronic altitude sensing; environment awareness and shaping; equivalent airspeed
EASOP	emergency action standard operating procedures
EASR	Expeditionary Airport Surveillance Radar
EASTLANT	Eastern Atlantic
EASU	external air sampling unit
EAT	expected approach time
EAW	(NATO) electronic and acoustic warfare; electronic assembly warhead

EBE	event-by-event
EBHA	electronic battle hit assessment
EBO	effects-based approach to operations
EBS	environmental baseline study
EBTS	expeditionary blood transshipment system
EC	earth coverage; electronic combat; embarked commander; enemy combatant; engineering change; engineering configuration; equipment cost
ECA	electronic control amplifier; enemy capabilities analysis
ECAS	emergency close air support
ECBC	Edgewood Chemical and Biological Center (USA; Edgewood Arsenal, MD)
ECC	EMCON Control Center; engineering casualty control; evacuation control center
ECD	evidence/property custody document
ECDIS	Electronic Chart Display and Information System
ECDIS-N	Electronic Charting Display Information System-Navy
ECDU	enhanced control display unit
ECEF	earth-centered, earth-fixed
ECG	emission control gate; executive coordination group
ECINS	Electronic Charting and Integrated Navigation System
ECL	external countermeasure launcher
ECM	electronic countermeasures
ECMO	electronic countermeasures officer
ECMU	extended core memory unit
ECO	engagement control officer
EOCA	enemy course of action
EOG	enemy center of gravity
ECP	egress control point; engineering change proposal; entry control point
ECR	electronic combat reconnaissance
ECRC	Expeditionary Combat Readiness Center

ECS	expeditionary combat support; external communication system; external control system
ECSF	electronic combat support flight
ECt	effective dosage of an aerosol
ECU	environmental control unit
ECV	expanded capacity vehicle
ECWAN	Enterprise Communications Wide Area Network
ECWS	electronic cooling water supply
ED	eductor; effective dose; energy detection
EDA	estimated damage assessment
EDAC	error detection and correction
EDACS	enhanced digital access communications system
EDATF	emergency defense of the amphibious task force
EDC	electronic decoy cartridge; environmental data converter
EDCA	Executive Director for Conventional Ammunition
EDCS	energy detection clutter suppression
EDD	explosive detector dog
EDE	environmental data entry
EDF	effective downwind forecast
EDI	electronic data interchange
EDK	equipment decontamination kit
EDM	effective downwind message; emergency destruction of munitions
EDO	engineering duty officer
EDOD	estimated date of delivery
EDORM	Engineering Department Organization and Regulation Manual
EDP	electronic data processing; emergency destruction plan
EDR	effective downwind report
EDS	external designation system
EDVR	enlisted distribution and verification report

EDW	effective downwind
EE	emergency electric; engineering evaluation
EEBD	emergency escape breathing device
EECT	end of evening civil twilight
EED	electro-explosive device
EEE	emergency and extraordinary expense
EEFI	essential elements of friendly information
EEI	essential element of information
EENT	end of evening nautical twilight
EEPROM	electronic erasable programmable read-only memory
EER	explosive echo ranging; extended echo ranging
EEZ	economic exclusion zone; exclusive economic zone
EF	emergency feed; engaged fighter
EFA	engineering field activity
EFB	expected final bearing
EFD	engineering field division
eff	effectiveness
EFP	explosively formed penetrator
EFR	engine firing rate
EFRT	emitter file recycle time
EFS	electronic function select
EFSS	expeditionary fire support system
EFT	electronic funds transfer; external fuel tank
EFTO	encrypt for transmission only
EFV	expeditionary fighting vehicle
EFW	effective fallout wind
EGBU	enhanced guided bomb unit
EGL	equipment guide list

NTRP 1-02

EGM	Earth Gravity Model
EGM-84	Earth Gravitational Model 1984
EGT	exhaust gas temperature
EH	environmental health; explosive hazard
EHCC	explosive hazards coordination cell
EHE	estimated horizontal error
EHEC	enterohemorrhagic e. coli
EHF	extremely high frequency
EHF-TIP	extremely high frequency-time division multiplex access interface processor
EHO	environmental health officer
EHRA	environmental health risk assessment
EHS	extremely hazardous substance (EPA)
EHSA	environmental health site assessment
EHT	explosive hazard team
EI2RC	Engineering Infrastructure and Intelligence Reachback Center
EIA	electronic interface assembly
EIC	equipment identification code; exercise intelligence center
EID	electrically initiated device; electronic identification
EIFF	enemy identification, friend or foe
EIS	Environmental Impact Statement
EISE	Expeditionary Intelligence Support Element
EKMS	electronic key management system
EL	electro-luminescent; erector-launcher
ELBA	emergency locator beacon
ELC	enhanced lethality cartridge
ELCAS	elevated causeway system
ELCAS(M)	elevated causeway system (modular)
ELCID	early limited combat identification

ELD	emitter locating data
elev	elevator
ELF	extremely low frequency
ELFE	extremely low frequency electromagnetic
ELINT	electronic intelligence
ELMR	enterprise land mobile radio
ELNOT	electronic intelligence notation
ELP	estimated launch position
ELRF	eye-safe laser range finder
ELS	emitter locating system
ELSEC	electronic security; electronics security
ELSET	element set
ELSF	expeditionary logistics support force
ELSG	expeditionary logistics support group
ELT	emergency locator transmitter; enforcement of laws and treaties
ELV	expendable launch vehicle
ELVA	emergency low-visibility approach
ELX	electronic; electronics enclosure; emitter library index
EM	electrician's mate (USN rating); electromagnetic; emergency management; emergency manager; engagement manager; environmental module; execution management
EMAC	emergency management assistance compact
eMAP	electronic map
EMAT	emergency management team
EMATT	expendable mobile antisubmarine warfare training target
EMBT	emergency main ballast tank
EMC	electromagnetic compatibility
EMCC	en route movement control center
EMCON	emission control

EMCON orders	emission control orders
EMCS	energy monitoring and control system
EMD	effective miss distance
EMDCOA	enemy most dangerous course of action
EMDT	expeditionary medical decontamination team
EME	electromagnetic environment
EMEDS	Expeditionary Medical Support
EMF	expeditionary medical facility
EMI	electromagnetic interface; electromagnetic interference; electromagnetic intrusion; electromechanical induction; Emergency Management Institute
EMICP	electromagnetic interference control procedures
EMIO	expanded maritime interception operations
EMLOC	emitter localization
EMNS	expendable mine neutralization system
EMO	electronics material officer; engage missile order; environmental management office
EMP	electromagnetic pulse
EMPA	ethyl methylphosphonic acid
EMPARTS	Expeditionary Medicine Platform Augmentation Readiness and Training System
EMPCOA	enemy most probable course of action
EMPSKD	employment schedule
EMR	electromagnetic radiation
EMRM	equipment maintenance related material
EMS	electromagnetic silencing; electromagnetic spectrum; element management system; embedded memory subsystem; embedded memory system; emergency medical services
EMSEC	(NATO) emission security
EMT	emergency medical technician; emergency medical treatment; expert missile tracker
EMT-B	emergency medical technician level B
EMTF	expeditionary mobility task force
EMV	electromagnetic vulnerability

EMW	expeditionary maneuver warfare
EN	electronic intelligence notation; engineman (USN rating)
ENCAP	engineering civic action program
ENG	engagement
eng	engineer; engineering
ENM	enhanced position location reporting system network manager
ENP	enhanced position location reporting system network planner
ENSYN	electromagnetic environment synthesizer
ENT	ear, nose, and throat; evening nautical twilight
ENTO	entomologist
EO	electro-optic; electro-optical; electro-optics; employment officer; engagement operations; engagement order; equipment operator (USN rating); executive office; executive order
EO-IR	electro-optical-infrared
EOB	electronic order of battle; end of broadcast; enemy order of battle
EOC	emergency operations center
EOCA	explosive ordnance clearance agent
EOCC	engineering operational casualty control
EOCM	electro-optical countermeasures
EOD	electro-optic director; explosive ordnance disposal; explosive ordnance disposal (USN rating)
EOD DET	explosive ordnance disposal detachment
EOD MCM DET	explosive ordnance disposal mine countermeasures detachment
EODCC	explosive ordnance disposal control center
EODCT	explosive ordnance disposal control team
EODESU	explosive ordnance disposal expeditionary support unit
EODGRU	explosive ordnance disposal group
EODMU	explosive ordnance disposal mobile unit (USN)
EODMU-1	Explosive Ordnance Disposal Mobile Unit One
EODTEU	explosive ordnance disposal training and evaluation unit

EOF	escalation of force
EOHWED	environmental and occupational health workplace exposure data
EOID	electro-optical identification
EOM	end of message
EOOW	engineering officer of the watch
EOP	engineering operational procedures
EOR	end-of-run; engage on remote; explosive ordnance reconnaissance
EOR	explosive ordnance reconnaissance
EORSAT	electronic intelligence ocean reconnaissance satellite
EOS	electro-optical sight; electro-optical system; enclosed operating system
EOSO	extended offshore security operations
EOSS	electro-optical sensor system; electro-optical sight system; engineering operational sequencing system
EOTDA	electro-optical tactical decision aid
EOTS	expanded ocean thermal structure
EP	electronic protection; emergency preparedness; emergency procedures; (NATO) emission policy; enable point; engagement plan; engagement planner; environmental processor; estimated position; excess property
EPA	Environmental Protection Agency; evasion plan of action
EPAD	exploitation, production, analysis, and dissemination
EPC	emergency preset console
EPCRA	Emergency Planning and Community Right-to-Know Act
EPDS	Expedient Personnel Decontamination System
EPE	estimated position error
EPFOM	engagement plan figure of merit
EPH	emergency planning handbook
EPI	emergency public information
EPIC	El Paso Intelligence Center
EPIRB	emergency position-indicating radio beacon

EPL	electronic intelligence parameter limits
EPLO	emergency preparedness liaison officer
EPLRS	enhanced position location reporting system
EPLRS-DR	enhanced position location reporting system-data radio
EPM	(NATO) electronic protective measures; emergency propulsion motor
EPMA	environmental postmission analysis
EPMAC	Enlisted Placement Management Center
EMPR	embarked personnel material report
EPR	Emergency Preparedness and Response (DHS)
EPS	embedded processing system; engagement planning supervisor
EPU	enhanced processing unit
EPUU	enhanced position location reporting system user unit
EPW	enemy prisoner of war; Enhanced Paveway
ER	echo ranging; enhanced radiation; extended range
ERC	emergency relief coordinator; en route care; exercise-related construction
ERCS	en route care system
ERDC	Engineer Research and Development Center
ERDEC	Edgewood Research, Development and Engineering Center
ERDL	extended-range data link
EREPS	engineer's refractive effects prediction system
ERG	electroretinogram; emergency recovery group; Emergency Response Guidebook (DOT)
ERMAR	electronic reconnaissance mission analysis report
ERMP	extended range multipurpose
eRMs	electronic retrograde management system
ERO	enable run offset; enabling run offset; engine running on or offload; engineered refueling overhaul; equipment repair order; expeditionary riverine operations
ERP	effective radiated power; en route point; equipment reception point
ERPAL	electronic repair parts allowance list

ERPM	engine revolutions per minute
ERS	early release of submunitions; emergency recovery system; emergency relocation site; engine room supervisor
ERT	emergency response team (FEMA); evidence recovery team
ERT-A	emergency response team - advance element
ERT-N	emergency response team-national
ERW	explosive remnants of war
ES	electronic surveillance; electronic warfare support; escape steam
ESA	electronically scanned antenna
ESAMS	enhanced surface-to-air missile simulation; Enterprise Safety Application Management System
ESAR	enhanced synthetic aperture radar
ESB	engineer support battalion
ESC	executive steering committee
esc	escape; escort
ESD	electrostatic discharge
ESDS	electrostatic discharge sensitive
ESE	electronic surveillance enhancement
ESF	Economic Support Fund; emergency support function; expeditionary strike force
ESG	expeditionary strike group
ESGINT	expeditionary strike group integration training
ESGN	electrically suspended gyro navigation; electrostatic gyro navigator; electrostatically supported gyro navigator
ESI	extremely sensitive information
ESL	expected service life
ESM	(NATO) electronic warfare support measures; environmental sensor module; expeditionary site mapping
ESO	engineering support officer; explosives safety officer
ESOH	Environmental, Safety, and Occupational Health
ESOR	(NATO) emergency standoff range

ESP	electronic strike package; engineer support plan; engineering support plan
ESQD	explosive safety quantity distance
ESR	equivalent service rounds
ESS	electronic security system; explosive safety survey
ESSA	Explosives Safety Self-Assessment
ESSENCE	Electronic Surveillance System for the Early Notification of Community-based Epidemics
ESSM	emergency ship salvage material; evolved Sea Sparrow missile
ESSOLANT	Explosives Safety Support Office, Atlantic
ESSOPAC	Explosives Safety Support Office, Pacific
est	estimated
EST	embarked security team
ESTAT	execution status and monitoring (TBMCS)
ESTO	estimated seeker turn-on
ESU	expeditionary support unit
ESWS	enlisted surface warfare specialist
ET	electronic time; electronically timed; electronics technician (USN rating); exercise and training
ETA	electronic transportation acquisition; estimated time of arrival
ETD	estimated time of departure
ETEPP	electronic Tomahawk employment planning package
ETF	electronic target folder
ETI	early transient incapacitation
ETIOS	expeditionary tactical information operations support
ETL	earliest time-to-launch
ETOT	estimated time-on-target
ETOTITL	effective time on task in the lap
ETPP	electronic Tomahawk planning package
ETR	estimated time of recovery; estimated time of repair

NTRP 1-02

ETRR	export traffic release request
ETS	embedded training system
ETSN	electronic countermeasures technique set number
ETSS	extended training service specialist
EUCE	end user computing equipment
EURSWA	Europe, Southwest Asia
EV	evaluated
Ev	electron volt
EVA	environmental acoustic
evac	evacuation
EVC	electrical ventilation controller
EVM	electrical ventilation motor
EVOC	emergency vehicle operator course
EVS	electro-optical viewing system
EW	early warning; electronic warfare
EW/C	early warning/control
EW/TSS	electronic warfare and target sensing systems
EWAC	electronic warfare aircraft commander
EWBM	electronic warfare battle management
EWCC	electronic warfare coordinator
EWCC	electronic warfare coordination cell
EWCO	electronic warfare console operator
EWCS	electronic warfare control ship
EWDS	electronic warfare database support
EWEX	electronic warfare exercise
EWIR	electronic warfare integrated reprogramming
EWIRDB	electronic warfare integrated reprogramming database
EWO	electronic warfare officer

EWOPFAC	Electronic Warfare Operational Programming Facility
EWR	early warning receiver
EWRL	electronic warfare reprogrammable library (USN)
EWS	electronic warfare supervisor
EWT	electronic warfare trainer
EWTG	expeditionary warfare training group
EWTGLANT	Expeditionary Warfare Training Group, Atlantic
EWTGPAC	Expeditionary Warfare Training Group, Pacific
EWWS	electronic warfare weapons system
EXCH	exchange
EXCOM	extended communications search
ExCom	executive committee
EXCOMM	exterior communications
EXER	exercise
EXFIL	exfiltrate
EXORD	execute order; execution order
exp	exposure
expl	explosive
EXPLOT	expeditionary plot
EXTAC	experimental tactic
EXTORP	exercise torpedo
EXW	expeditionary warfare
EZ	evacuation zone; exclusion zone
F	fitting; flare patterns; forward; friend
F&ES	fire and emergency services
F/A	fighter/attack
F/V	fishing vessel
F2T2EA	find, fix, track, target, engage, and assess

F3EA	find, fix, finish, exploit, analyze
FA	field artillery; filter agent; formation assessment
FAA	Federal Aviation Administration; Foreign Assistance Act; functional area annex
FAAD	forward area air defense
FAAO	Federal Aviation Administration order
FAAR	forward-area alerting radar
FAAWC	force antiair warfare coordinator
FAB	fast action button; fixed action button
FAC	fast attack craft; forward air controller
FAC(A)	forward air controller (airborne)
FACCON	facility control (message processing and distribution center)
FACE	forward aviation combat engineering
FACP	forward air control post
FACSFAC	fleet area control and surveillance facility
FAD	fleet air defense; fighter air direction; force activity designator
FADC	force air defense commander
FADIZ	fleet air defense identification zone
FADL	flyaway diving locker; Food Analysis and Diagnostic Laboratory
FADS	flyaway air diving system; flyaway dive system; flyaway diving system
FAE	fuel-air explosive
FAF	final approach fix
FAH	final attack heading
FAIO	field artillery intelligence officer
FAMP	forward area minefield planning
FAO	Food and Agriculture Organization (UN); forward air observer
FAP	Family Advocacy Program; fleet assistance program
FAR	Federal Acquisition Regulation; field adjustment request
FARC	flyaway recompression chamber (also see FARCC)

FARP	forward arming and refueling point
FAS	Flagging Analysis System; Foreign Agricultural Service (USDA); fueling at sea; fuels automated system
FASCAM	family of scatterable mines
FASP	Field Ammunition Supply Point
FAST	fleet air superiority training; fleet antiterrorism security team; forward area surgical team
FASWC	force antisubmarine warfare commander
FAT	flyaway team
FAV	fast attack vehicle
FAW	front axle weight
FAWC	force air warfare commander
FAX	facsimile
FB	front burner (message)
FBCB2	Force XXI Battle Command, Brigade and Below
FBHL	force beachhead line
FBI	Federal Bureau of Investigation; frequency bearing indicator
FBM	flat bottom; fleet ballistic missile
FBO	fixed base operator
FBP	final battle problem
FBT	fine bearing tracker
FBX-T	forward-based X-band-transportable (U.S. radar system)
fc	cutoff frequency
FC	field change; fire control; fire controlman (USN rating); fires cell; force center; floating causeway; frequency compatibility
FCA	fan coil assembly
FCC	family child care; Federal Communications Commission; federal coordinating center (NDMS); fire control computer; fire control coordinator; fleet command center; functional combatant commander
FCCP	fire control computer program
FCE	fire control executive; forward command element

FCG	foreign clearance guide
FCM	foreign consequence management
FCO	federal coordinating officer; fire control officer
FCR	fire control radar
FCS	fire control solution; fire control station; fire control system
FCT	firepower control team
FCTC	fleet combat training center
FCU	fan coil unit; fire control unit; flight control unit
FCV	fire control vehicle
FD	fault detection; fire door; flight data
FDA	fixed distributed array; Food and Drug Administration
FDC	fire direction center
FDD	flight deck director
FDDI	fiber-distributed data interface
FDDS	flag data display system
FDE	frequency domain equalization
FDECU	field deployable environmental control unit
FDL	fighter data link; forward deployable laboratory
FDLP	flight deck landing practice
FDM	frequency division multiplexing
FDNF	forward-deployed naval forces
FDO	flexible deterrent option; flight deck officer; foreign disclosure officer
FDOA	frequency difference of arrival
FDP	frequency domain processor
FDP&E	force deployment planning and execution
FDPMU	forward-deployable preventive medicine unit
FDR	fire door; Foreign Disclosure Representative
FDS	fixed distribution system

FDSSS	flight deck status and signaling system
FDT	first destination transportation
FDX	full duplex
FE	fires element; flight engineer; forced entry
FEA	front-end analysis
FEAD	facilities engineering and acquisition division
FEBA	forward edge of the battle area
FEC	facilities engineering center; Facilities Engineering Command; far edge control; forward error correction
FECC	fires and effects coordination cell
FED	five-inch evasion device
FEM	first entry monitoring
FEMA	Federal Emergency Management Agency
FENCE	fixed-entry navigation control envelope
FEP	final evaluation period
FEPROM	flash electrically programmable read-only memory
FES	fleet electronic support; fleet exercise section; fleet exercise system
FEX	field exercise
FEZ	fighter engagement zone
FF	fast forward; firefighting; foreign forces; frigate; fundamental frequency
FFA	fan filter assembly; free-fire area
FFAR	folding-fin aerial rocket; folding-fin aircraft rocket
FFBAT	biological augmentation team (USAF unit type code designator)
FFC	force fires coordinator
FFCA	Federal Facility Compliance Act
FFCC	force fires coordination center (USMC)
FFD	foundation feature data
FFDL	fighter-to-fighter data link

FFE	field force engineering; fire for effect; forward front edge
FFG	guided-missile frigate
FFIR	friendly force information requirement
FFK	fixed function key
FFP	false force presentation; final firing position; fresh frozen plasma
FFSC	fleet and family support center
FFT	fast Fourier transform
FFTL	full field transmission loss
FFV	foreign fishing vessel; fresh fruit and vegetables
FFZ	free fire zone
FGC	functional group commander (replaces functional warfare commander (FWC))
FGDC	federal geographic data committee
FGS	final governing standard
FH	fleet hospital; frequency hop
FHA	Federal Highway Administration; foreign humanitarian assistance
FHD	fleet health domain
FHP	force health protection
FHPGE	force health protection in a global environment
FHPPP	force health protection prescription product
FHTN	Fleet Home Town News
FIAC	fast inshore attack craft
FICM	fleet intelligence collection manual
FID	Fleet Intelligence Detachment; force identification (operator); foreign internal defense
FIDU	filtered input data unit
FIE	fly-in echelon
FIFO	first-in-first-out
fig	figure
FIK	fault isolation kit

FILL	fleet issue load list
FIMARS	Fleet Inventory Management and Reporting System
FINEX	finish exercise
FIOC	fleet information operations center
FIPS	Federal Information Processing Standards
FIR	finite impulse response; flight information region; flow-induced resonance
FIREX	firing exercise
FIRSTNCD	First Naval Construction Division (also see 1NCD)
FIS	fire inhibit switch; Foreign Intelligence Service
FISC	Financial Information and Service Center; fleet and industrial supply center
FISINT	foreign instrumentation signals intelligence
FISP	fly-in support package
FISS	foreign intelligence and security services
FIST	fire support team; fleet imagery support terminal
FITCPAC	Fleet Intelligence Training Center, Pacific
FITREP	fitness report
FIWC	fleet information warfare center (merged into Navy information operations commands in 2005)
FJU	forwarding JTIDS (Joint Tactical Information Distribution System) unit
FL	fast launch; fault localization; fault locator; flight level; flight line
FLAP	fractures, leads, and polynyas
FLAR	forward-looking airborne radar
FLC	fighting load carrier; force logistics coordinator
FLD	field
FLENUMMETOCEN	Fleet Numerical Meteorology and Oceanography Center
FLETAC	fleet tactical
FLIP	flight information publication
FLIR	forward-looking infrared

FLIS	Federal Logistics Information System
FLO/FLO	float-on/float-off
FLOT	forward line of own troops
FLP	foreign language program
FLPM	foreign language program manager
FLPP	foreign language proficiency pay
FLRP	fighter link reference point
FLS	forward-looking sonar
FLSIP	Fleet Logistics Support Improvement Program
FLSR	forward logistic site representative
FLT	fleet
FLTCDR	fleet commander
FLTCOM	fleet command
FLTCYBERCOM	Fleet Cyber Command
FLTI	frequency-versus-azimuth long-time integration
FLTMPs	Fleet Training Management and Planning System
FLTRECCE	fleet reconnaissance
FLTSAT	fleet satellite
FLTSATCOM	fleet satellite communications
FLTSEVOCOM	fleet secure voice communications
FM	facilities maintenance; field manual (USA); fire main; firing mechanism; flare multiunit; force module; forward-middle; frequency modulated; frequency modulation
FMA	foreign media analysis
FMAV	fleet maintenance availability
FMC	field medical card; fleet mail center
FMCR	Fleet Marine Corps Reserve
FMD	foot and mouth disease
FME	firemain to educator; foreign military exploitation

FMF	Fleet Marine Force; foreign military financing
FMFM	Fleet Marine Force manual
FMGS	Flyaway Mixed-Gas Diving System; Flyaway Mixed-Gas System
FMI	field manual-interim
FMMEP	Foreign Medical Materiel Exploitation Program
FMOP	frequency modulation on pulse
FMP	Fleet Modernization Program; full mission profile
FMPL	Fleet Mission Program Library
FMR	frequency modulated ranging
FMS	foreign military sales
FMSC	Federal Maritime Security Coordinator
FMSO	Fleet Material Support Office
FMT	frequency managed training
FMTV	family of medium tactical vehicles
FMU	fuzed munition unit
FMV	firemain valve; full-motion video
FN	fireman (USN general apprenticeship rating); foreign national
FNA	functional needs assessment
FNCS	(NATO) full naval control of shipping (obsolete)
FND	friend; friendly
FMOC	Fleet Numerical Meteorology and Oceanographic Center
FNOC	Fleet Numerical Oceanographic Command
FNS	foreign nation support
FO	force operations; forward observer; fuel oil
FOA	field operating agency; forward operating area
FOB	forward operating base; forward operations base; friendly order of battle
FOC	farthest-on circle; fiber-optic cable; firing officer's console; fuel operations company; full operational capability; fully operational capability; furthest-on circle; future operations cell

NTRP 1-02

FOD	figure of demerit; foreign object damage (flight deck); foreign object debris (well deck)
FOH	fleet operational health; front overhang
FOI	frequency of interest
FOIA	Freedom of Information Act
FOL	forward operating location
FOM	figure of merit
FON	freedom of navigation (operations)
FONSI	finding of no significant impact
FOO	field ordering officer
FOPS	future operations
FOR	field of regard
FORACS	fleet operational readiness accuracy check site
FORCENet	United States Navy enterprise network
FORM	formation
FORSCOM	United States Army Forces Command
FOS	fall of shot; forward operating site; full operating status; full operational status
FOSC	federal on-scene commander; federal on-scene coordinator
FOSIC	Fleet Ocean Surveillance Information Center
FOSIF	fleet ocean surveillance information facility
FOSP	follow-on support package
FOT	follow-on terminal; frequency of optimum transmission
FOT&E	follow-on operational test and evaluation; follow-on test and evaluation
FOTC	fiber-optic tow cable; force over-the-horizon track coordinator
FOUO	for official use only
FOV	field of view; fuel oil valve
FOVV	fuel oil vent valve
FP	fire pump; firing point; force protection; freezing point
FPASS	force protection airborne surveillance system

FPB	fast patrol boat
FPC	final planning conference; future plans cell
FPCON	force protection condition
FPCS	force protection construction standards
FPD	flat panel display; force protection detachment
FPFT	force protection fundamental training
FPL	filed flight plan; fire plug
FPO	fleet post office; force protection officer
FPP	firing point procedure
FPPWP	first preplanned waypoint
FPS	force protection system
fr	from; received frequency
FR	force readiness; frame
FRAG	fragment; fragmentation; fragmentation code
FRAGORD	fragmentary order
FRAZ	frequency versus azimuth
FRC	federal resource coordinator; fleet readiness center; forward resuscitative care; frequency rate cursor
FRE	fleet readiness enterprise
FRIES	Fast Rope Insertion/Extraction System
FRIS	fire retardant immersion suit
FRN	force requirement number
FRO	family readiness officer
FROG	free rocket over ground
FRP	Federal response plan (USG); final reference point; fleet response plan (USN)
FRSS	forward resuscitative surgery system
FRTTP	fleet readiness training plan; fleet response training plan
FRU	forwarding reporting unit

FRU	firing unit; forwarding reporting unit
FS	fault status; fine synchronization; flare single-unit; fire support; fuel service
FSA	fire support area; food service attendant
FSASW	full-spectrum antisubmarine warfare
FSB	fleet satellite broadcast; forward staging base; forward support base
FSBS	fixed submarine broadcast system
FSC	facility support contract (USMC); federal supply classification; fire support cell (USA); fire support coordinator (USMC)
FSCC	fire support coordination center (USMC)
FSCL	fire support coordination line
FSCM	fire support coordination measure
FSCoord	fire support coordinator (USA)
FSE	fire support element; forward security element
FSEM	fire support execution matrix
FSG	federal supply group
FSH	family separation housing
FSK	frequency shift key; frequency shift keyed; frequency shift keying
FSLO	foreign service liaison officer
FSM	Fleet SECRET Internet Protocol Router Network Messaging; food service management
FSMIW	full-spectrum mine warfare
FSN	full-spectrum normalizer
FSO	fire support officer; fleet support operations; force security officer
FSP	full-spectrum processing
FSR	field service representative
FSRP	far-side rally point
FSRT	fatality search and recovery team
FSS	fast sealift ship; fire support station; fixed surveillance system
FST	fleet support team; fleet surgical team; forward surgical team; fuel stripping

FSU	fire support unit; former Soviet Union
FSUWC	force surface warfare commander
FSW	feet of seawater
FT	fire team; fuel transfer and fill; fume tight
FTC	false target can; fast time constant; fleet training center; fleet training continuum; force track coordinator; freight terminal company
FTC-A	force track coordinator–air
FTC-S	force track coordinator–surface
FTC-SS	force track coordinator–subsurface
FTI	fast tactical imagery; fixed target indicator
FTIR	Fourier Transform Infrared (Spectrometer)
FTL	fire team leader
FTM	free text message
FTN	force over-the-horizon track coordinator track number
FTO	field training officer (law enforcement)
FTOW	fire control technician of the watch (USN submarine watchstation)
FTP	file transfer protocol; fly-to-point
FTR	firm track range
FTS	fleet training strategy; fuel tank stripping; full-time support
FTSC	fleet technical support center
FTU	freight terminal unit
FTX	field training exercise; final training exercise
FUB	facility utilization board
FUEL REM	fuel remaining
FUNCPLAN	functional plan
FVI	foreign vessel inspection
FW	fixed wing; freshwater
FWA	floating wire antenna

FWC	force weapons coordinator; functional warfare commander (replaced by functional group commander (FGC))
fwd	forward
FWMP	full-width mine plow
FWP	first waypoint
FXP	fleet exercise publication
FY	fiscal year
FYDP	Future Years Defense Plan (USMC); Future Years Defense Program (DOD)
FZ	fire zone (boundary)
G&C	guidance and control
G-1	assistant chief of staff, personnel
G-2	Army or Marine Corps component intelligence staff officer (Army division or higher staff, Marine Corps brigade or higher staff)
G-3	Army or Marine Corps component operations staff officer (Army division or higher staff, Marine Corps brigade or higher staff); assistant chief of staff for operations; assistant chief of staff, operations; assistant chief of staff, operations and plans
G-4	Army or Marine Corps component logistics staff officer (Army division or higher staff, Marine Corps brigade or higher staff); assistant chief of staff for logistics; assistant chief of staff, logistics
G-5	assistant chief of staff, plans
G-6	Army or Marine Corps component signal staff officer; Assistant Chief of Staff for Information Management
G-agent	a nerve agent
G/F	go-fasts
GA	tabun (nerve agent)
GAA	general agency agreement
GAIL	glide angle indicator light
GALE	Generic Area Limitation Environment (USA)
GALE-Lite	Generic Area Limitation Environment-Lightweight Integrated Telecommunications Equipment
GAM	global positioning system-aided munition
GAO	General Accounting Office

GARS	Global Area Reference System
GAT	guidance, apportionment, and targeting
GATES	Global Air Transportation Execution System
GATOR	Global Antiterrorism Operational Readiness Course
GATR	ground-to-air transmitter/receiver
GATS	general access time slots; global positioning system aided targeting system
GATT	guidance, apportionment, tasking, and targeting (USAF)
GB	group buffer
Gb	gigabit
GBAD	ground-based air defense
GBDL	ground-based data link
GBI	ground-based interceptor
GBL	government bill of lading
GBS	Global Broadcast Service; Global Broadcast System
GBU	guided bomb unit
GC	gas chromatograph; ground controller; gun console
GCA	ground controlled approach
GCC	geographic combatant commander; global combatant commander; global contingency construction; ground component commander; Gulf Cooperation Council; gun console computer; gun control console
GCCC	Global Contingency Construction Contract
GCCS	Global Command and Control System
GCCS-A	Global Command and Control System-Army
GCCS-J	Global Command and Control System-Joint
GCCS-M	Global Command and Control System-Maritime
GCE	ground combat element (MAGTF)
GCG	guidance control group
GCI	ground control intercept; ground-controlled intercept
GCN	ground communications network

NTRP 1-02

GCO	gun control officer
GCP	gun control panel
GCPC	government-wide commercial purchase card
GCS	global contingency services; ground control station; ground control system; gun computer system
GCSC	Global Contingency Services Contract
GCSS	Global Combat Support System
GCSS-J	Global Combat Support System-Joint
GCU	gyro control unit
GD	soman (nerve agent)
GDACS	Global Disaster Alert and Coordination System
GDEM	generalized digital environmental model
GDEM-V	generalized digital environmental model-variable resolution
GDO	general defense operations
GDR	grid dead reckoning
GDS	graphics display system
GDSS	Global Decision Support System
GDSS II	Global Decision Support System II
GDT	ground data terminal
GE	general engineer; gland exhaust
GEF	Guidance for Employment of the Force (DOD national military strategy)
GEM	guidance-enhanced missile
GEMS	Global Expeditionary Medical System
GEN	electrical generator
gen	general
GENADMIN	general admin (message)
GENSER	general service (message)
GENTEXT	general text

GEOINT	geospatial intelligence
GEOLOC	geographic location code
GEOPLOT	geographic plot
GEOPREPO	geopre-positioning
GEOREF	geographic reference
GEOSIT	geographic situation
GEOTRANS	geographic translator
GRS	ground expedient refueling system
GES	diesel generator fuel service
GETS	Government Emergency Telecommunications Service
GF	cyclosarin (nerve agent)
GFAC	ground forward air controller
GFC	ground force commander; ground-based midcourse defense fire control; gunfire control
GFCC	gunfire control computer
GFCP	generic front-end communications processor
GFCS	gunfire control supervisor; gunfire control system
GFE	gas-free engineer; government-furnished equipment
GFI	ground fault interrupter
GFM	Global Force Management; global force manager; government-furnished material
GFMAP	Global Force Management Allocation Plan
GFMIG	Global Force Management Implementation Guidance
GFS	global fleet station; Global Positioning System flight software; gunfire support
GGI&S	global geospatial information and services
GI	gastrointestinal; government issue
GI&S	geospatial information and services
GIG	Global Information Grid
GIS	geographic information system; geospatial information systems
GIUK	Greenland, Iceland, United Kingdom

GLC	group logistic coordinator
GLCM	ground-launched cruise missile
GLINT	gated laser intensifier
GLO	generator lubricating oil; ground liaison officer; gunnery liaison officer
GLONASS	Global (Orbiting) Navigation Satellite System
GLU	gun laying unit
GMCP	gun mount control panel
GMD	ground-based midcourse defense
GMDSS	Global Maritime Distress and Safety System
GMF	geometric mean frequency
GMFCS	guided missile fire control system
GMG	grenade machine gun
GML	guided missile launcher
GMLRS	Guided Multiple-Launch Rocket System
GMLRS-U	Guided Multiple-Launch Rocket System-Unitary
GMLS	guided missile launching system
GMP	gun mount processor
GMR	gear mesh rate
GMRP	guided missile round pack
GMT	general military training; Greenwich Mean Time
GMTI	ground moving target indicator
GMV-N	ground mobility vehicle-Navy
GMWS	guided missile weapon system
GNATS	general noise and tonal system
GNC	global navigation chart
GNCOM	Global Navy Coastal Ocean Model
GND	ground
GNSS	global navigation satellite system

GOA	government-owned animal
GOB	ground order of battle
GOCO	government-owned, contractor-operated
GOES	geostationary operational environmental satellite
GOGO	government-owned, government-operated
GOI	Government of Iraq
GOO	Gulf of Oman
GOPLAT	gas-oil platform
GOSP	gas oil separation platform
GOTS	government off-the-shelf
GP	general purpose; graphic plotter; group
GPC	general-purpose computer; general-purpose controller
GPDC	general-purpose digital computer
GPETE	general-purpose electronic test equipment
GPF	general-purpose force
GPFC	general-purpose function code
GPMRC	Global Patient Movement Requirements Center
GPO	Government Printing Office
GPR	ground-penetrating radar
GPS	Global Positioning System
GPSIU	Global Positioning System interface unit
GQ	general quarters
GRCA	ground reference coverage area
GRCS	Guardrail common sensor
GRG	gridded reference graphic
GRM	graduated response matrix
GRP	glass-reinforced plastic (fiberglass); grid reference point; group
GRU	Chief Intelligence Directorate of the Soviet General Staff; grid reference unit

NTRP 1-02

GS	gas turbine system technician (USN rating); general service; general support; gland seal and exhaust; government service; ground speed
GS-R	general support-reinforcing
GSA	General Services Administration; Global War on Terrorism Support Assignment
GSAB	general support aviation battalion
GSAF	Global Situational Awareness Facility
GSC	German Submarine Consortium; grid spot converter
GSDA	ground speed drift angle
GSE	gas turbine system technician - electrical (USN rating); ground support equipment
GSi	glide slope indicator
GSIP	Global Shore Infrastructure Plan
GSM	gas turbine system technician - mechanical (USN rating); global system for mobile communications; ground station module
GSO	general specifications for overhaul
GSORTS	Global Status of Resources and Training System
GSP	geographic strip plot
GSTM	general subject technical manual
GT	gas tight; guidance transmitter; gun target
GTA	graphic training aid; ground training aid
GTAS	ground-to-air signals
GTC	ground track coordinator
GTL	gun-target line
GTN	Global Transportation Network
GTO	gun-train order
GTR	ground transportation request
GTS	group training system
GTT	generated target track; ground template toolkit
GUCL	general use consumables list
GUI	graphical user interface

GUNEX	gunnery exercise
GURF	guns up ready to fire (report)
GUV	group unique variable
GVO	green vinyl overshoes
GVWR	gross vehicle weight rating
GW	guerrilla warfare
GWOT	global war on terrorism
GWS	gun weapon system
GWS Sea	Geneva Convention for the Amelioration of the Condition of the Wounded, Sick, and Shipwrecked Members of the Armed Forces at Sea
GWT	gross weight
GySgt	gunnery sergeant (USMC)
GZ	ground zero
H	hatch; hoist; horizontal (polarization); (Levinstein) mustard (gas) (blister agent)
H&C	health and comfort
H&I	harassing and interdicting
H&S	headquarters and service; health and status; heat and serve
H&SG	handling and stowage group
H/HD	sulfur mustards
H/W	hardware
HA	health affairs; heavy armor; helicopter administrative (net); holding area; hull array; humanitarian assistance
HA/DR	humanitarian assistance/disaster response (USN) (Note: DR = "disaster relief" in joint doctrine) (also see FHA (foreign humanitarian assistance))
HAB	height above bottom
HABD	helicopter aircrew breathing device
HAC	helicopter aircraft commander
HACC	humanitarian assistance coordination center
HAD	harbor approach defense; high-altitude debris

NTRP 1-02

HAE	height above ellipsoid
HAF	helicopter assault force; Hellenic Air Force
HAFO	high-altitude flyout
HAG	helicopter action group
HAHO	high-altitude high-opening parachute technique
HALFCON	half-height container
HALO	high-altitude low-opening parachute technique
HALT	higher away, lower toward
HAM	horizontal attack maneuver
HAPBB	hull array passive broadband
HAPNB	hull array passive narrowband
HARM	high-speed antiradiation missile
HARP	Helicopter Advanced Readiness Program
HAS	helicopter/aircraft/surface craft (upgrade); hydrostatic arming switch
HAST	humanitarian assistance survey team
HAT	high-angle threat
HATS	hardened army tactical shelter; hovering attack torpedo system
HAU	helicopter advisory unit
HAZCHEM	hazardous chemicals
HAZCOM	hazardous commodity
HAZMAT	hazardous materials
HAZREP	hazard report
HBA	helicopterborne assault
HBCT	heavy brigade combat team
HBr	hydrogen bromide
HBS	high-band subsystem
HBW	horizontal beam width

HC	half-channel; helicopter command (net); helicopter controller; hexachloroethane (smoke); high capacity; humanitarian community; humanitarian coordinator
HC/D	hazard class/division
HCA	head of contracting activity; humanitarian and civic assistance
HCATM	Harpoon captive air training missile
HCC	Harpoon control console; hospital command center
HCE	helicopter control element
HCI	human-computer interface
HCL	homing control logic
HCM	hard copy module
HCN	hydrogen cyanide (prussic acid, hydrocyanic acid)
HCO	helicopter control officer
HCP	Harpoon control panel; healthcare personnel
HCPD	high-capacity point-detonating
HCPS	hard-copy processing system (USN NUWC sonar display system)
HCS	helicopter combat support (USN); helicopter control ship; helicopter control station; helicopter coordination section
HCSO	helicopter coordination section officer
HCU	hand control unit; harbor clearance unit; helicopter control unit; helicopter coordination unit
HCW	healthcare worker
HD	distilled sulfur mustard (blister agent); harbor defense; helicopter direction (net); high Doppler; high-drag; homeland defense; hydraulic oil, diving system
HD/PS	harbor defense/port security
HDC	harbor defense commander; helicopter direction center; helicopter direction control
HDDR	high-density digital recorder
HDG	heading
HDI	human-derived information
HDM	humanitarian assistance, disaster relief, and mine action
HDO	humanitarian demining operations

HDOP	horizontal dilution of precision (GPS)
HDPLX	half duplex
HDPS	harbor defense/port security
HDR	high data rate
HDT	high duty technique
HE	heavy equipment; high energy; high explosive; hydraulic oil, external system
HE-CVT	high explosive-controlled variable time
HE-ET	high explosive-electronically timed
HE-FRAG	high explosive-fragmentation
HE-IR	high explosive-infrared (proximity fuzed)
HE-MT	high explosive-mechanical time
HE-MT-PD	high explosive-mechanical time-point detonating
HE-P	high explosive-plugged
HE-PD	high explosive-point detonating
HE-VT	high explosive-variable time
HE-VTNSD	high explosive-variable time non-self-destruct
HEALT	helicopter employment and assault landing table
HEAT	high explosive antitank
HEC	helicopter element coordinator
HEDP	high-explosive dual-purpose
HEI	high explosive incendiary
HEI-P	high explosive incendiary-plugged
HEI-T	high explosive incendiary-tracer
HEL	high-energy laser
HELMINERON	helicopter mine countermeasures squadron (also see HM)
HELT	helicopter external load team
HEP	high-explosive plastic
HEPA	high-efficiency particulate air; high-efficiency particulate arresting (filter)

HER	Harpoon equipment room
HERF	hazards of electromagnetic radiation to fuels
HERO	hazards of electromagnetic radiation to ordnance
HERP	hazards of electromagnetic radiation to personnel
HES	helicopter evacuation station
HET	Harpoon-embedded trainer; heavy equipment transporter
HEU	highly enriched uranium
HF	high frequency
HF-ALE	high frequency-automatic link establishment
HF/M3	high-frequency marine mammal mitigation
HFA	high frequency active (workstation)
HFBB	high-frequency broadband
HFBL	high-frequency bottom loss
HFDF	high-frequency direction finding; high-frequency direction finder
HFDL	high frequency data link
HFGCS	high-frequency global communications system
HFII	Hellfire II
HFM	hyperbolic frequency modulated; hyperbolic frequency modulation
HFPBB	high-frequency passive broadband
HFR	high-frequency radio
HFRB	high frequency regional broadcast
HFRG	high-frequency radio group
HFV	hemorrhagic fever virus
HFWB	high frequency wideband
HGMS	Harpoon guided missile simulator
HH	homing pattern; hour, hour
HHA	handheld assay
HHC	headquarters and headquarters company

NTRP 1-02

HHQ	higher headquarters
HHR	high hop rate
HHS	Department of Health and Human Services
HI	high (subarray)
HICPAC	Hospital Infection Control Practices Advisory Committee
HICS	hazardous inventory control system
HIDACZ	high-density airspace control zone
HIDTA	high-intensity drug trafficking area
HIFR	helicopter in-flight refueling
HIFRAG	high fragmentation
HIGE	hover in ground effect
HIMARS	High Mobility Artillery Rocket System
HIMEZ	high-altitude missile engagement zone
HIPAR	high-power acquisition radar
HIRA	helicopter inland rescue aircrewman
HIT	high-interest track
HITRON	helicopter interdiction tactical squadron
HITS	hostile forces integrated targeting service
HK	hardkill
HL	hotline
HLC	helicopter logistics coordinator
HLD	hold
HLDLRT	homeland defense laboratory response team
HLS	helicopter landing system
HLSC	helicopter logistics support center
HLZ	helicopter landing zone
HM	hazardous material; heavy mat; helicopter mine countermeasures squadron (USN) (also see HELMINERON); hospital corpsman (USN rating); hydraulic oil, main system

HM&E	hull, mechanical, and electrical
HMA	hull-mounted array; humanitarian mine action
HMC&M	Hazardous Material Control and Management
HMCS	helmet-mounted cueing system
HME	homemade explosive
HMI	human-machine interface
HMIS	Hazardous Material Information System
HMMWV	high-mobility multipurpose wheeled vehicle
HMRT	hazardous material response team
HMRU	Hazardous Materials Response Unit
HMS	Her Majesty's Ship; hull-mounted sonar
HMT	high mobility trailer
HMUG	Hazardous Materials User's Guide
HN	host nation; nitrogen mustard (blister agent)
HNS	host-nation support
HNSA	host-nation support agreement
HNVS	helicopter night vision system
HOA	horn of Africa
HOB	height of burst
HOC	humanitarian operations center
HOD	high-opening Doppler; home-on-decoy
HODS	hydrographic-oceanographic data sheet
HOE	height of eye
HOGE	hover out of ground effect
HOH	home-on-helicopter
HOIS	hostile intelligence service
HOJ	home-on-jam
HOLC	high order language computer

HOS	hostile
HOSTAC	helicopter operations from ships other than aircraft carriers (USN publication)
HOT	home-on-target
HP	Hewlett-Packard; high power; hit probability; holding point
HPA	high power amplifier
HPAC	hazard prediction and assessment capability; high-pressure air compressor
HPCP	high power cordless phone
HPGPM	hits per gun per minute
HPI	high probability of intercept
HPI	hover position indicator
HPM	high-power microwave
HPRF	high pulse repetition frequency; high-power radio frequency
HPT	high-payoff target
HPTL	high-payoff target list
HPU	hydraulic power unit
HPW	high-performance waveform; hot potable water
HQ	HAVE QUICK; headquarters
HQ I	HAVE QUICK I
HQ II	HAVE QUICK II
HQBN	headquarters battalion
HQDA	Headquarters, Department of the Army
HQMC	Headquarters, Marine Corps
HR	helicopter request (net); hose reel (AFFF or CO2); human remains; hybrid receiver
HRA	health risk assessment
HRD	high-resolution detection; high-resolution display; high rate of discharge
HRF	homeland response force
HRJS	Heliborne Response Jamming System
HRM	health risk management

HRP	(NATO) helicopter reference point; high-risk personnel
HRPT	high-resolution picture transmission
HRR	high-range resolution
HRS	helicopter rope suspension; horizon reference set; horizon reference system
HRST	helicopter rope suspension techniques (formerly helicopter rope suspension training)
HS	helicopter antisubmarine squadron (USN); high speed; homing single-unit; homeland security; horizon search; hydraulic oil, steering system
HSA	health service assessment
HSAB	heavy stores adapter beam
HSAP	Health Services Augmentation Program
HSAPU	Health Services Augmentation Program Unit
HSB	harbor security boat
HSBD	Hazardous Substance Data Bank
HSC	Hardware Systems Command; helicopter sea combat squadron (USN); helicopter support center
HSCLCS	Harpoon ship command-launch control set; Harpoon ship command-launch control system
HSCWINGLANT	Helicopter Sea Combat Wing, United States Atlantic Fleet
HSCWINGPAC	Helicopter Sea Combat Wing, United States Pacific Fleet
HSD	high-speed data
HSE	helicopter support element
HSEEP	Homeland Security Exercise and Evaluation Program
HSFS	hull sonar functional segment
HSL	health service logistics; helicopter antisubmarine squadron light
HSLS	health service logistic support
HSM	helicopter maritime strike squadron
HSMST	high-speed maneuvering surface target
HSO	health care support office
HSP	high-speed printer
HSPD	homeland security Presidential directive

HSPD-5	Homeland Security Presidential Directive-5
HSS	health service support
HSSD	Health Service Support Division
HSSE	health service support element
HSSO	health service support officer
HST	helicopter support team; humanitarian support team
HSTAMIDS	hand-held standoff mine detection system
HSV	high-speed vessel (USN experimental ship catamaran)
HSVL	high-speed velocity log
HSWA	Hazardous and Solid Waste Amendment of 1984
HT	hull maintenance technician (USN rating)
HTACC	Hardened Theater Air Control Center
HTPS	hull-turret position sensor
HTS	high-speed antiradiation missile targeting system
HUD	head-up display
HUK	hunter/killer
HULL	high-usage load list
HULTEC	hull-to-emitter correlation
HUMINT	human intelligence
HUTS	hostages, unknowns, terrorists, and shooters
HVA	high-value asset
HVAA	high-value airborne asset
HVAAP	high-value airborne asset protection
HVAC	heating, ventilation, and air conditioning
HVBSS	helicopter visit, board, search, and seizure
HVI	high-value individual
HVT	high-value target
HVU	high-value unit

HW	hazardous waste
HWCC	Harpoon weapon control console
HWL	high-water line
HWM	high-water mark
HWS	Harpoon weapon system
HWSAT	helicopter wave and serial assignment table
HWSP	horizontal weapon status panel
HYDP	hydraulic pump
HYDR	hydraulic
HYDRA	hierarchical yet dynamically reprogrammable architecture
HYEX	hydraulic excavator
HYFIX	hyperbolic fix
HYPH	hydrophone
I	intermediate
I&A	Office of Intelligence and Analysis (DHS)
I&L	Installations and Logistics (HQMC)
I&W	indications and warning
I/E	instrumentation and electronics
I/F	interface
I/N	interference-to-noise (ratio)
I/O	input/output
I/P	identification of position
IA	immediate action; individual augment; individual augmentation; individual augmentee; information assurance
IAA	incident awareness and assessment
IAAG	infrasonic advanced acoustic generator
IAC	Intelligence Analysis Center
IACS	Integrated Acoustic Communications System

IAD	immediate action drill; integrated air defense; international air distress
IADS	integrated air defense system
IADT	integrated automatic detection and tracking
IAEA	International Atomic Energy Agency (UN)
IAFIS	integrated automated fingerprint identification system (FBI)
IAL	internal auxiliary launcher
IAM	inertially aided munition
IAMD	integrated air and missile defense
AMSAR	International Aeronautical and Maritime Search and Rescue Manual
INTN	Inter-American Naval Telecommunications Network
IAP	incident action plan
IAS	indicated airspeed; intelligence analysis system
IASC	Interagency Standing Committee (UN)
IAT	integrated acoustic tracker
IATA	International Air Transport Association
IVA	information assurance vulnerability alerts
IAW	in accordance with
IBADS	interim biological agent detection system
IBCT	infantry brigade combat team
IBD	internal block diagram
IBIS	Integrated Battlefield Intelligence System
IBS	inflatable boat, small; integrated barcode scanner; Integrated Booking System; integrated bridge system; integrated broadcast service; Integrated Broadcast System
IBS-I	Integrated Broadcast Service-Interactive
IBS-S	Integrated Broadcast Service-Simplex (BMDS)
IBSCSS	Integrated Booking System Commercial Sealift Solution
IBU	inshore boat unit
IC	incident commander; intelligence center; intelligence community; intercom; interior communications; interior communications electrician (USN rating)

IC4I	integrated command, control, communications, computers, and intelligence
ICAC2	integrated combat airspace command and control
ICAD	improved control and display
ICADF	improved communications acquisition and direction finding
ICADS	integrated cover and deception system
ICAM	improved chemical agent monitor; individual chemical agent monitor
ICAO	International Civil Aviation Organization
ICAP	improved capability
ICAP II	improved capability II
ICAPS	integrated command antisubmarine warfare prediction system
ICBM	intercontinental ballistic missile
ICC	information coordination center; information coordination central; installation control center; Intelligence Coordination Center
ICD	imitative communications deception; interface control document; International Cooperation and Development Program (USDA)
ICDP	intercount dormant period
ICE	Immigration and Customs Enforcement
ICEPP	Incident Communications Emergency Policy and Procedures
ICEX	ice exercise
ICI	Improved Connectivity Initiative
ICITAP	International Crime Investigative Training Assistance Program (DOJ)
ICLS	instrument carrier-landing system
ICM	improved conventional munitions
ICMS	integrated combat management system
ICO	interface control officer; installation commanding officer
ICOD	intelligence cutoff data
ICODES	integrated computerized deployment system
ICOM	integrated communications security

ICP	incident command post; initial control point; intertheater communications security package; inventory control point
ICRC	International Committee of the Red Cross (part of the International Red Cross and Red Crescent Movement)
ICS	incident command system; intercommunication system; interior communications system; intermediate control station; internal communications system
ICSAR	interagency committee on search and rescue
ICSB	interim command switchboard
ICSC	International Chemical Safety Cards
ICT	information and communication technology
ICUA	inner clothing undressing area
ICW	in conjunction with; Intercoastal Waterway; intermediate care ward; interrupted continuous wave
ICW	Intercoastal Waterway
ICWM	International Committee on Weights and Measures
ID	identification; identity; information dominance; initial distribution
ID AMP	identification amplification
IDA	infectious disease alert; Institute for Defense Analysis
IDAD	internal defense and development
IDB	integrated database
IDC	independent duty corpsman; Information Dominance Corps
IDCP	Intra-Amphibious Ready Group Distributed Collaborative Planning (System)
IDD	interface design document
IDF	indirect fire
IDHS	intelligence data handling system
IDIQ	indefinite delivery/indefinite quantity (contracting/procurement)
IDL	international data link; interoperable data link
IDLH	immediately dangerous to life and health
IDLS	inflatable decoy launching system
IDM	improved data modem; initial detection maneuver

IDMS	improved deep moored sweep
IDN	initial distribution number
IDR	initial detection range
IDRA	infectious disease risk assessment
IDRC	interdeployment readiness cycle
IDS	identification supervisor; infrared detection set; Integrated Deepwater System; integrated display system; interdiction/strike; interface design specification; intratheater delivery service; intrusion detection system
IDT	inactive duty training; interflight data transfer; intraflight data transfer
IDTC	interdeployment training cycle
IDTT	inactive duty training travel
IDU	interactive display unit; ionization detector unit
IDZ	inner defense zone
IEC	International Electrotechnical Commission
IED	improvised explosive device
IEDK	individual equipment decontamination kit
IEEE	Institute of Electrical and Electronics Engineers
IEER	improved extended echo ranging
IEM	installation emergency management; integrated electronics mast
IEMWG	Installation Emergency Management Working Group
IES	intelligence exploitation system
IESS	imagery exploitation support system
IET	intelligence exploitation team (DOD); in-port emergency team
IETM	interactive electronic technical manual
IEW	intelligence and electronic warfare
IF	intermediate frequency
IFAK	improved first aid kit (USA); individual first aid kit (USMC)
IFC	information fusion center
IFCP	interface function computer program

IFF	identification, friend or foe
IFH	improved flexhose
IFHRA	industrial facility health risk assessment
IFM	instantaneous frequency measurement
IFR	in-flight refueling; instrument flight rules
IFRC	International Federation of Red Cross and Red Crescent Societies
IFS	intermittent full scan
IFSAC	International Fire Service Accreditation Congress
IFT	in-flight technician
IG	inspector general; intelligence group
IGCE	independent government cost estimate
IGL	intelligence gain/loss
IGO	intergovernmental organization
IHO	industrial hygiene officer
IHR	in-extremis hostage rescue
IIM	intelligence information management
IIP	International Ice Patrol (USCG); international information program
IIR	imagery infrared; imagery interpretation report; imaging infrared; intelligence information report
IJMS	interim Joint Tactical Information Distribution System (JTIDS) message specification
IKA	ice keel avoidance
ILDP	interlook dormant period
ILI	influenza-like illness
ILLUM	illuminating; illumination; illuminator
ILO	integrated logistics overhaul; International Labor Office
ILS	instrument landing system; integrated logistic support
ILSP	Integrated Logistic Support Program; integrated logistic support plan
IM	information management; inventory manager

IMA	individual mobilization augmentee; installation medical authority; intermediate maintenance activity
IMARS	improved military amphibious reconnaissance system
IMAT	Incident Management Assistance Team; interactive multisensor analysis training; Interactive Multisensor Analysis Trainer
IMB	information management board
IMC	instrument meteorological conditions
IMDG	international maritime dangerous goods (UN)
IME	information management element; Institute of Makers of Explosives
IMET	international military education and training
IMF	intermediate maintenance facility
IMINT	imagery intelligence
IMM	immediate; integrated materiel management; integrated materiel manager; international mail manual
IMMM	in-flight missile modification message
IMMS	Intermediate Maintenance Management System
IMN	indicated Mach number
IMO	information management officer; International Maritime Organization
IMOM	improved many-on-many (GCCS)
IMOSS	interim mobile oceanographic support system
IMP	image memory processor; inventory management plan
IMR	individual medical readiness; information management representative
IMRL	individual material readiness list
IMS	incident management system; ion mobility spectroscopy
IMT	incident management team; individual movement technique
IMU	inertial measurement unit
IMWG	information management working group
INACT	inactive
INC	Internet controller

INCONUS	in the continental United States
INCSEA	incidents at sea
INFADS	Internet Naval Facilities Assets Data Store
INFLTREP	in-flight report
INFOCON	information control; information operations condition
INFOMAT	information management
INFOSEC	information security
INGO	international nongovernmental organization
INIWIC	Inter-Service Nonlethal Individual Weapons Instructor Course
INL	Bureau for International Narcotics and Law Enforcement Affairs
INLS	Improved Navy Lighterage System (replaced Joint (Army and Navy) Modular Lighterage System (JMLS))
INMARSAT	international maritime satellite
INOP	inoperative (equipment)
INR	Bureau of Intelligence and Research, Department of State; interference-to-noise ratio
INREP	in-port replenishment
INREQ	information request
INS	Immigration and Naturalization Service; inertial navigation system; integrated navigation system
INSCOM	United States Army Intelligence and Security Command
INSS	Integrated Navigation Sonar System
inst	instruction
INSURV	Board of Inspection and Survey
int	intelligence
intel	intelligence
INTELINK	intelligence link
INTERCO	International Code of Signals
INTPS	integrated navigation and tactical plotting system
INTREP	intelligence report

INTSUM	intelligence summary
INU	inertial navigation unit
INV	inverse
INVOL	involuntary
IO	Indian Ocean; information operations; intelligence officer; intelligence oversight; international organization
IOA	input/output adapter
IOB	input/output buffer
IOC	initial operating capability; initial operational capability; input/output controller; installation operations center; intelligence operations center
IODO	information operations duty officer
ION	Information Operations Navigator
IOS	Intelligence Operations Server
IOSS	interagency operations security support staff
IOT	in order to
IP	initial point; initial position; initial production; interface processor; Internet protocol
IPA	intelligence production agency
IPAR	improved pulse acquisition radar
IPAT	interaction patrol
IPB	intelligence preparation of the battlespace
IPC	initial planning conference; intelligence production center
IPCS	International Programme on Chemical Safety (UNEP, ILO, WHO)
IPDS	improved (chemical agent) point detection system; inland petroleum distribution system (USA)
IPE	individual protective equipment; intelligence preparation of the environment
IPi	indigenous populations and institutions
IPIR	initial phase interpretation report; initial photo interpretation report
IPL	image product library; imagery product library; initial program load; integrated priority list
IPMP	Improved Performance Machinery Program

IPO	International Program Office
IPOE	intelligence preparation of the operational environment
IPR	in-progress review
IPS	improved performance sonar; iron pipe size
IPT	Integrated Product Team
IPW	interrogation of prisoners of war
IQLL	in-phase quadrature locked loop
IQT	initial qualification training
IQVC	independent quality verification check
IR	incident report; information requirement; infrared; intelligence requirement; installation restoration
IRA	immediate response authority
IRAAM	infrared-guided, air-to-air missile
IRBM	intermediate-range ballistic missile
IRC	International Red Cross; Internet relay chat
IRCCM	infrared counter-countermeasures
IRCM	infrared countermeasures
IRCS	international radio call sign
IRDS	infrared detection set; infrared detection system
IREPS	Integrated Refractive Effects Prediction System
IRF	incident response force; initial response force
IRFT	interim refresher training
IRG	intelligence readiness group
IRGC	Islamic Republican Guard Corps; Islamic Revolutionary Guard Corps
IRIG	interrange instrumentation group
IRIN	Islamic Republic of Iran Navy
IRINT	infrared intelligence
IRIS	Interrogation Requirements Information System

IRLS	infrared line scanner
IRM	integrated resources management
IROD	infrared observation device
IRP	initial rally point; insertion rally point; interference rejection processor
IRR	Individual Ready Reserve; integrated radio room
IRST	infrared search and track
IRSTS	Infrared Search and Track System
IRT	incident response team
IRTPA	Intelligence Reform and Terrorism Prevention Act (2004)
IRU	inertial reference unit
IS	information system; initial search; intelligence specialist (USN rating); interference suppression
ISA	international standardization agreement
ISAF	intelligence support to amphibious forces; International Security Assistance Force
ISAR	inverse synthetic aperture radar
ISARC	intelligence, surveillance, and reconnaissance cell
ISB	independent sideband; intermediate sideband; intermediate staging base
ISBN	International Standard Book Number
ISCRS	integrated submarine communications receiving system
ISD	improved signal design; initial search depth
ISDN	integrated services digital network
ISE	independent ship exercise; independent steaming exercise; initial salvo error; intelligence support element
ISEA	in-service engineering activity; in-service engineering agent
ISF	Iraqi Security Force
ISI	initial safety inspection
ISIC	immediate superior in command
ISIS	integrated ship information system
ISM	installation system manager

ISNS	Integrated Shipboard Network System
ISO	in support of; installation security officer; International Organization for Standardization
ISOPREP	isolated personnel report
ISP	in-port security plan; Information Security Program; intelligence support package
ISR	(NATO) identification safety range; intelligence, surveillance, and reconnaissance
ISRD	intelligence, surveillance, and reconnaissance division
ISRT	intelligence, surveillance, reconnaissance, and targeting
ISS	interim supply support; Internet security scanner
ISSA	inter-Service support agreement
ISSM	information system security manager
ISSU	interface signal switching unit
IST	incident support team; initial skills training
ISU	individual storage unit; integrated service unit; interface suppression unit
IT	information systems technician (USN rating); information technology
IT-21	Information Technology for the 21st Century
ITA	inner transport area; intermediate time average
ITALD	improved tactical air-launched decoy
ITC	integration time constant
ITCP	initial timing control point
ITF	international task force
ITG	initial terminal guidance
ITGB	Information Technology Governance Board
ITL	intent to launch
ITO	installation transportation office; integrated tasking order
ITPL	integrated target priority list
ITS	individual training standards
ITT	information, tickets, and tours; interrogator-translator team (USMC)
ITU	International Telecommunications Union

ITV	in-transit visibility
ITW	imminent threat warning
ITW/AA	integrated tactical warning and attack assessment
IU	interface unit; international unit
IUC	immediate unit commander
IUSS	integrated undersea surveillance system
IUW	inshore undersea warfare
IV	initial velocity; intravenous
IVCS	integrated voice communication system; integrated voice communications system; internal voice communication system
IVDS	independent variable depth sonar
IVIPS	integrated vessel information planning and analysis system
IVO	in vicinity of
IVSN	Initial Voice Switched Network
IW	internal wave; irregular warfare
IWA	in-water assembly
IWC	information operations warfare commander
IWDO	irregular warfare duty officer
IWEDA	improved weather effects on decision aids
IWO	information operations warfare officer; intelligence watch officer
IWRC	independent wire rope core
IWS	InfoWorkSpace; integrated warfare systems
IXS	information exchange system
IZLID	infrared zoom laser illuminator designator
J-1	manpower and personnel directorate of a joint staff
J-2	intelligence directorate of a joint staff; intelligence staff section
J-2O	deputy directorate for crisis operations of a joint staff
J-2T	Deputy Directorate for Targeting, Joint Staff Intelligence Directorate

J-2X	joint force counterintelligence and human intelligence staff element
J-3	operations directorate of a joint staff; operations staff section
J-4	logistics directorate of a joint staff; logistics staff section
J-5	plans directorate of a joint staff; plans staff section
J-6	command, control, communications, and computer systems staff section; communications system directorate of a joint staff
J-8	force structure, resource, and assessment directorate of a joint staff
J-SEAD	joint suppression of enemy air defenses
J-TENS	Joint Tactical Exploitation of National Systems
J/CAOC	joint/combined air operations center
J/CFMCC	joint/coalition force maritime component commander
J/S	jammer-to-signal (ratio)
J/TPMRC	Joint/Theater Patient Movement Requirements Center
J2-CI	Joint Counterintelligence Office
JA	judge advocate; sound-powered phone circuit
JA/ATT	joint airborne and air transportability training
JAADC	joint area air defense commander
JAARS	Joint After-Action Reporting System
JAAT	joint air attack team
JAAWSC	(NATO) Joint Anti-Air Warfare Shore Coordination
JAB	Joint Assault Bridge (USA and USMC)
JABS	Joint Direct Attack Munition Assault Breaching System
JAC	joint analysis center
JACCE	joint air component coordination element
JACS	joint automated communications-electronics operating instructions system
JADOC	joint air defense operations center
JADOCS	Joint Automated Deep Operations Coordination System
JAG	Judge Advocate General

JAGC	Judge Advocate General's Corps
JAGMAN	Manual of the Judge Advocate General (USN)
JAIC	joint air intelligence center
JALIS	joint air logistic information system
JANAP	Joint Army, Navy, Air Force publication
JAOC	joint air operations center
JAOC2C	joint air operations command and control course
JAOP	joint air operations plan
JARN	joint air request net
JARSP	joint annual review of survival, evasion, resistance, and escape production
JASA	Joint Airborne Signals Intelligence Architecture
JASC	joint force air component commander augmentation staff course (USN)
JASSM	Joint Air-to-Surface Standoff Missile
JASSM-ER	Joint Air-to-Surface Standoff Missile Extended Range
JAT	Joint Munitions Effectiveness Manual air-to-surface trajectory
JAT Guide	Joint Antiterrorism Program Manager's Guide
JATACS	joint deployable intelligence support system advanced tactical cryptologic support
JATC	joint air traffic control
JAWS	Joint Munitions Effectiveness Manual air-to-surface weaponeering system
JBAIDS	Joint Biological Agent Identification and Diagnostic System
JBPDS	Joint Biological Point Detection System
JBPO	joint blood program office
JBS	Joint Broadcast System
JC2	Joint Command and Control (formerly known as GCCS - Global Command and Control System)
JC2WC	joint command and control warfare center
JCA	jamming control authority; joint command authority
JCAD	joint chemical agent detector

JCAHO	Joint Commission on Accreditation of Healthcare Organizations
JCAS	joint close air support
JCB	joint coordination board
JCC	joint command center
JCCC	Joint Combat Camera Command
JCCIMT	joint combat camera imagery management team
JCCMT	joint combat camera management team
JCCPG	joint combat camera planning group
JCCT	joint combat camera team
JCE	Joint Intelligence Virtual Architecture (JIVA) Collaborative Environment
JCEOI	joint communications-electronics operating instructions
JCET	joint combined exchange training
JCEWR	joint coordination of electronic warfare reprogramming
JCEWS	joint force commander's electronic warfare staff
JCIDO	Joint Combat Identification Office
JCIDS	Joint Capabilities Integration and Development System (replaces Requirements Generation System (RGS))
JCMA	joint communications security monitoring activity
JCMB	Joint Collection Management Board
JCMEB	joint civil-military engineering board
JCMEC	joint captured materiel exploitation center
JCMOTF	joint civil-military operations task force
JCN	job control number
JCO	joint commission observer
JCS	Joint Chiefs of Staff
JCSAR	joint combat search and rescue
JCSP	Joint Chiefs of Staff publication
JCWG	joint collection working group

JDAM	Joint Direct Attack Munition
JDDOC	joint deployment and distribution operations center
JDEIS	Joint Doctrine, Education, and Training Electronic Information System
JDF	jam direction finder
JDISS	joint deployable intelligence support system
JDN	joint data network
JDNO	joint data network operations officer
JDOMS	Joint Director of Military Support
JDPI	joint desired point of impact
JDPO	joint deployment process owner
JEC	Joint Engineer Center
JECB	joint effects coordination board
JECC	joint effects coordination cell (DOD)
JECP	joint expeditionary collective protection
JEL	Joint Electronic Library
JEM	jet engine modulation; joint effects model
JEM	jet engine modulation
JEODOC	joint explosive ordnance disposal operations center
JEODTF	joint explosive ordnance disposal task force
JEPES	joint engineer planning and execution system
JESWG	Joint Environmental Surveillance Working Group
JET	Joint Operation Planning and Execution System editing tool
JETT	joint expeditionary team trainer
JEWG	joint effects working group
JEWL	Joint Expeditionary Warfare Lab
JEZ	joint engagement zone
JFACC	joint force air component commander
JFAST	Joint Flow and Analysis System for Transportation

JFC	joint force commander
JFCC-GS	Joint Functional Component Command for Global Strike
JFCC-ISR	Joint Functional Component Command for Intelligence, Surveillance, and Reconnaissance
JFE	joint fires element
JFEO	joint forcible entry operations
JFFC	joint forces fires coordinator
JFHQ	joint force headquarters
JFHQ-State	Joint Force Headquarters-State
JFIC	Joint Forces Intelligence Command
JFIRE	joint application of firepower
JFLCC	joint force land component commander
JFM	joint fires manager
JFMCC	joint force maritime component commander
JFMO	joint frequency management office; joint frequency management organization
JFN	Joint Fires Network
JFO	joint field office; joint fires observer
JFP	joint force provider
JFRG II	joint force requirements generator II
JFS	joint force surgeon
JFSOC	joint force special operations component
JFSOCC	joint force special operations component commander
JFUB	joint facilities utilization board
JHMCS	joint helmet-mounted cueing system
JHSV	joint high-speed vessel
JHU	Johns Hopkins University
JI	joint inspection
JIACG	joint interagency coordination group
JIATF	joint interagency task force (DOD)

JIC	joint information center; joint integrating concept; joint intelligence center; joint intelligence command
JICA	Japan International Cooperation Agency
JICO	joint interface control officer
JICPAC	Joint Intelligence Center, Pacific
JICTRANS	Joint Intelligence Center for Transportation
JIEO	joint interoperability electronic office
JIIM	joint, interagency, intergovernmental, and multinational
JIMB	joint information management board
JINTACCS	Joint Interoperability of Tactical Command and Control Systems
JIOAPP	joint information operations attack planning process
JIOC	joint intelligence operations center
JIODPP	joint information operations defense planning process
JIOPP	joint information operations planning process
JIOWC	Joint Information Operations Warfare Center (formerly JIOC)
JIPCL	joint integrated prioritized collection list
JIPOE	joint intelligence preparation of the operational environment
JIPTL	joint integrated prioritized target list
JISCC	Joint Incident Site Communications Capability
JISE	joint intelligence support element
JIT	just-in-time
JITC	joint interoperability test command
JITF-CT	Joint Intelligence Task Force for Combating Terrorism
JLC	joint logistics commanders
JLCC	joint logistics coordination center
JLD	Joint Logistics Distribution
JLE	joint logistics environment
JLENS	Joint Land-Attack Cruise Missile Defense Elevated Netted Sensor System

JLLIS	Joint Lessons Learned Information System
JLLP	Joint Lessons Learned Program
JLLS	joint lessons learned system
JLOTS	joint logistics over-the-shore
JLTI	joint limited technical inspection
JM	jumpmaster
JMAA	joint mission area analysis
JMC	joint message center; joint movement center; Joint Munitions Command (SMCA Charter)
JMCA	Joint Movement Control Agency
JMCC	joint movement control center
JMCIS	Joint Maritime Command Information System
JMCOMS	joint maritime communications system
JMEM	Joint Munitions Effectiveness Manual
JMET	joint mission-essential task
JMETL	joint mission-essential task list
JMF	Joint Maritime Facility
JMIC	Joint Military Intelligence College
JMIE	joint maritime information element
JMIFC	joint maritime information fusion center
JMINI	joint military satellite communications network integrated
JMISTF	joint military information support task force
JMITC	Joint Military Intelligence Training Center
JMO	joint maritime operations
JMPA	joint military postal activity
JMPI	jumpmaster personnel inspection
JMPS	Joint Mission Planning System
JMQ	joint mission qualification
JMRO	Joint Medical Regulating Office

JMRR	Joint Monthly Readiness Review
JMSDF	Japanese Maritime Self-Defense Force
JMTCA	joint munitions transportation coordinating activity
JMTOP	joint multitactical digital information link operating procedures
JNC	jet navigation chart; joint navigational chart
JNCC	joint network operations control center
JNIDS	Joint National Intelligence Dissemination System
JNLWP	Joint Nonlethal Weapons Program
JNTC	joint network tactical capability
JO	junior officer
JOA	joint operations area
JOC	joint operating concept; joint operations center
JOCC	joint operations command center
JOCG	joint ordnance commanders group
JOEF	joint operational effects federation
JOG	joint operations graphic
JOG-A	joint operations graphics-air
JOI	jamming on intercept
JOINREP	joining report
JOOD	junior officer of the deck
JOOW	junior officer of the watch
JOP	Joint Operation Planning
JOPES	Joint Operation Planning and Execution System
JOPP	joint operation planning process
JOPPA	joint operation planning process for air
JOS	joint operational stock
JOSAC	joint operational support airlift center
JOTS	Joint Operational Tactical System

JP	jet propellant; jet propulsion; joint publication
JP-5	jet propulsion fuel, type 5 (standard high-flash-point Navy fuel, MIL-T-5624)
JP-8	jet propulsion fuel, type 8 (standard Air Force kerosene jet fuel, MIL-T-83133)
JPALS	Joint Precision Approach Landing System
JPBDS	joint point biological detection system
JPD	JP-5 defueling and hose flushing
JPEC	joint planning and execution community
JPEG	Joint Photographic Experts Group
JPEO-CBD	Joint Program Executive Office for Chemical and Biological Defense
JPG	joint planning group
JPITL	joint prioritized integrated target list
JPL	joint priority list
JPM	joint program manager
JPM-IS	Joint Program Manager for Information Systems
JPMRC	joint patient movement requirements center
JPN	joint planning network
JPO	joint petroleum office
JPO-Bio	Joint Program Office for Biological Defense
JPOC	joint product of choice
JPRA	Joint Personnel Recovery Agency
JPRC	joint personnel recovery center
JPRCC	Joint Personnel Recovery Coordination Center
JPS	JP-5 service
JQR	job qualification requirement
JRB	Joint Requirements Oversight Council (JROC) Review Board; joint reserve base
JRC	joint reconnaissance center
JRCC	joint rescue coordination center
JRE	joint range extension

JREAP	joint range extension application protocol
JRFL	joint restricted frequency list
JRMC	Japan Regional Maintenance Center
JRMPO	joint regional medical planning office
JRO	Joint Requirements Office
JROCM	Joint Requirements Oversight Council memorandum
JRS	joint reporting structure
JRSOI	joint reception, staging, onward movement, and integration
JRTC	joint readiness training center
JS	Joint Service; the Joint Staff
JSA	joint security area
JSAOS	joint standard air operations software
JSC	joint security coordinator
JSCP	Joint Strategic Capabilities Plan
JSGPM	joint service general-purpose mask
JSIPS	Joint Service Imagery Processing System
JSIPS-N	Joint Service Imagery Processing System-Navy
JSIR	joint spectrum interference resolution
JSIVA	Joint Staff Integrated Vulnerability Assessment
JSLIST	joint service lightweight integrated suit technology
JSME	joint spectrum management element
JSMLT	Joint Service Mask Leakage Tester
JSMS	joint spectrum management system
JSO	joint security operations
JSOA	joint special operations area
JSOAC	joint special operations air component
JSOACC	joint special operations air component commander
JSOC	Joint Special Operations Command

JSOD	Joint Staff Operations Directorate
JSOG	joint special operations group
JSOTF	joint special operations task force
JSOW	joint standoff weapon
JSP	joint signal processor
JSPS	Joint Strategic Planning System
JSSD	Joint Service Sensitive Equipment Decontamination
JSST	joint space support team
JSTAR	joint surveillance target attack radar
JSTARS	Joint Surveillance Target Attack Radar System
JSWS	joint Services workstation
JTAA	joint action area; joint tactical action area
JTAC	joint tactical air control; joint tactical air controller; joint terminal attack controller
JTACS	Joint Tactical Area Communications System
JTAGS	joint tactical ground station (USA)
JTAO	joint tactical air operations
JTAR	joint tactical air strike request
JTASC	joint training analysis and simulation center
JTASR	joint tactical air strike request
JTAT	joint threat analysis tools
JTB	Joint Transportation Board
JTC	joint targeting cell; joint targeting cycle
JTCB	joint targeting coordination board
JTCC	joint transportation corporate information management center
JTF	joint task force
JTF-CS	Joint Task Force-Civil Support
JTF-E	joint task force-elimination
JTF-GNO	Joint Task Force-Global Network Operations

JTF-PO	joint task force-port opening
JTF-State	Joint Task Force-State
JTFCEM	joint task force contingency engineering management
JTFEX	joint task force exercise
JTG	joint task group
JTIDS	Joint Tactical Information Distribution System
JTL	joint target list
JTN	Joint Tactical Information Distribution System track number
JTRS	joint tactical radio system
JTS	Joint Training System
JTSG	joint targeting steering group
JTSTM	joint time-sensitive target manager
JTT	joint tactical terminal; joint targeting toolbox
JTWG	joint targeting working group
JU	Joint Tactical Information Distribution System unit
JUAS COE	Joint Unmanned Aircraft Systems Center of Excellence
JULLS	Joint Universal Lessons Learned System
JUO	joint urban operation
JUSMAG	Joint United States Military Advisory Group
JV	Joint Vision
JVB	Joint Visitors Bureau
JWAC	Joint Warfare Analysis Center
JWARN	joint warning and reporting network
JWCA	joint warfighting capabilities assessment
JWICS	Joint Worldwide Intelligence Communications System
JWS	Joint Munitions Effectiveness Manual Weapon Engineering System
K-Kill	catastrophic kill
KAAT	Khor al-Amaya Terminal

KAPP	Key Assets Protection Program
KB	kill box
KBC	kill box coordinator; kneeboard card
KE	kinetic energy
KE-ET	kinetic energy-electronically timed
KEK	key encryption key
KEYMAT	keying material
KG	key generator
KHV	Korean hemorrhagic fever
KIA	killed in action
KIM	knowledge and information management
KIMB	knowledge and information management board
KIMP	knowledge and information management plan
KITE	keyswitch integrated terminal equipment
KL	Klieglight
KMO	knowledge management officer
KMP	knowledge management plan
KMS	knowledge management system
KMWG	knowledge management working group
KP	key processor
KSA	knowledge, skill, and attitude
KSR	keyboard send/receive
KTD	killed target detector
kVA	kilovolt-ampere
KVN	Key Volunteer Network (USMC)
KW	Kiowa Warrior (OH-58D)
L/L	land/launch
l/min	liters per minute

LA	launch area; launcher assembly; lead agent
LAA	limited access area; local area authorities
LAAD	littoral area air defense (Navy); low-altitude air defense (USMC)
LAAD Bn	low-altitude air defense battalion
LAAM	light antiaircraft missile
LAAWC	local antiair warfare commander (NATO)
LAC	latitude correction; launch area coordinator; local area coverage
LACM	land-attack cruise missile
LACV	lighter, air-cushioned vehicle
LAD	latest arrival date; launch area denied; local air defense
LAD/A	low-altitude detection/acquisition
LAG	low-altitude guidance
LAH	low-altitude hold
LALC	local air logistics coordinator
LAM	limpet assembly, modular
LAMPS	Light Airborne Multipurpose System (helicopter)
LAN	local area network
LANDSAT	land satellite
LANT	Atlantic
LANTAREA	Atlantic area
LANTIRN	low-altitude navigation and targeting infrared for night
LANTSECEX	Atlantic security exercise
LANTSUBICEX	Atlantic Submarine Ice Exercise
LAR	launch acceptability region (USAF); launch acceptable range; light armored reconnaissance
LARC	lighter, amphibious resupply, cargo
LARC-V	lighter, amphibious resupply, cargo, 5-ton
laser	light amplification by stimulated emission of radiation

NTRP 1-02

LASH	littoral airborne sensor-hyperspectral
LASINT	laser intelligence
LASS	light array sensor system
LASWC	local antisubmarine warfare commander
lat	lateral; latitude
lat/long	latitude/longitude
LATAM COOP	Latin American cooperation
LAV	light armored vehicle
LAV-AD	light armored vehicle-air defense
LAVA	low-frequency acoustic vernier analyzer
LAWC	local air warfare coordinator
LB	Leadership Board; lineshaft bearing; lithium bromide air conditioning
LBA	AH-64D Longbow Apache
LBE	load-bearing equipment
LBF	linear beamformer
LBR	laser beam rider
LBV	load bearing vest
LC	lake current; launch controller; load center; local control; locked closed; logistics coordinator
LCAC	landing craft, air cushion
LCB	line of constant bearing
LCC	amphibious command ship; launch control center
LCCS	landing craft control ship
LCDB	low collateral damage bomb
LCDR	lieutenant commander (USN)
LCE	logistics combat element (MAGTF); logistics combat element (USMC); logistics command element (USMC)
LCG	launch control group
LCHR	launcher

LCIU	launcher control interface unit
LCL	liquid control line
LCM	landing craft, mechanized; laser countermeasures
LCN	load classification number; logical channel number
LCO	landing craft air cushion control officer; launch control operator; lighterage control officer
LCOP	logistics common operational picture
LCP	launch control panel; local control panel
LCPL	landing craft personnel (large)
LCPO	leading chief petty officer; local control panel operator
LCS	landing craft air cushion control ship; launch control supervisor; launch control system; littoral combat ship; local control station; local control system
LCSM	life cycle sustainment manager
LCTM	land component target manager
LCU	landing craft, utility; launch control unit; lightweight computer unit; local control unit
LD	laminar distance; launch director; lethal dose; line of departure (land warfare); low Doppler; low drag
LDA	limited depository account
LDMD	last ditch missile defense
LDO	limited defensive operations; limited duty officer
LDR	late detection range; low data rate
LDS	leaflet distribution system
LE	late entry; launch escape; law enforcement; location error (GPS); low energy; total background noise
LEA	law enforcement agency
LEAD	launched expendable acoustic device
LEAP	Light Exo-Atmospheric Projectile
LEASAT	leased satellite
LEC	Light Airborne Multipurpose System element coordinator; logistics element coordinator
LED	light-emitting diode

LEDET	law enforcement detachment (USCG)
LEED	Leadership in Energy and Environmental Design
LEH	light enforcement helicopter
LEL	lower explosive limit
LEMA	local emergency management authority
LeMay Center	Curtis E. LeMay Center for Doctrine Development and Education
LEO	law enforcement operations
LERTCON	alert condition
LES	leave and earnings statement
LET	leading-edge tracker; linear energy transfer
LEU	law enforcement unit
LF	landing force; low frequency; lower frequency
LF(A)	low frequency (acoustic)
LFA	lead federal agency; low-frequency active (sonar)
LFAA	low-frequency active acoustic
LFAIR	low-frequency active intercept receiver
LFAS	(NATO) low-frequency active sonar
LFBL	low-frequency bottom loss
LFBP	landing force beach party
LFE	large force employment
LFFSC	landing force fire support coordinator
LFM	linear frequency modulated; linear frequency modulation
LFOC	landing force operations center
LFOO	landing force operations officer
LFORM	landing force operational reserve material
LFR	low-frequency receiver
LFSP	landing force shore party; landing force support party
LGB	laser-guided bomb

LGC	landing craft, air cushion group commander
LGTR	laser-guided training round
LH	lighthouse
LHA	amphibious assault ship (general purpose); liquid hazard area
LHC	logistics head coordinator; logistics helicopter coordinator
LHD	amphibious assault ship (multipurpose)
LHEP	left-hand extended pylon
LHL	left hand lay
LHLRS	light harpoon landing restraint system
LHR	low hop rate
LI	interference level
LI/LO	lock-in/lock-out
LIA	laser illuminator assembly
LIC	low-intensity conflict
lidar	laser identification, detection, and ranging; light detection and ranging
LIG	local information grid
LIMDIS	limited distribution
LIN	liquid nitrogen; line item number
LIO	leadership interdiction operations
LIP	licensed independent practitioner
LIPS	low-impedance power supply
LJDAM	laser Joint Direct Attack Munition (GBU-54)
LKA	amphibious cargo ship
LKP	last known position
LL	lessons learned
LLIS	Lessons Learned Information Sharing
LLL	low light level
LLLGB	low-level laser-guided bomb

LLLTV	low-light-level television
LLOA	limiting lines of approach
LLPM	light load propulsion motor
LLQA	limiting lines of quiet approach
LLR	low-level radiation
LLS	laser linescan
LLSA	limiting lines of submerged approach
LLSuA	limiting lines of submerged approach
LLTR	low-level transit route
LLTV	low-light television
LMAV	laser Maverick
LMD	local management device
LMR	land mobile radio; living marine resources
LMRS	Land Mobile Radio System; long-term mine reconnaissance system (USN)
LMS	lessons management system; lightweight multipurpose shelter; local monitoring station; local monitoring system
LMSR	large, medium-speed roll-on/roll-off (ship)
LN	legalman (USN rating)
LND	land
LNG	liquefied natural gas
LNO	liaison officer
LO	locked open; low observable; lubricating oil fill, transfer and purification
LO/LI	lock-out/lock-in
LO/LO	lift-on/lift-off
LOA	letter of approval; letter of authorization; limit of advance
LOAA	list of acronyms and abbreviations
LOAC	law of armed conflict
LOB	line of bearing

LOBL	lock-on before launch
LOC	line of communications; longitude correction
LOCATOR	Maritime Force Locator (message)
LOCE	Linked Operational Intelligence Centers Europe
LOE	level of effort; limit of exploitation; low elevation
LOF	lack of friendly; line of fire; line of flight
lofar	low-frequency analysis and recording
LOG	logistics
LOG C2	logistics command and control
LOGAIS	logistics automated information system
LOGCAP	logistics capabilities; logistics civil augmentation program
LOGCONOPS	logistic concept of operations
LOGCOP	logistics common operating picture
LOGMARS	logistics applications of automated marking and reading symbols
LOGREP	logistics replenishment; logistics report
LOGREQ	logistics requirement
LOGSITREP	logistics situation report
LOGSU	logistics and support unit; logistics support unit
LOI	letter of instruction; level of interoperability
LOK	level of knowledge
long	longitude
LOO	line of operation
LOP	letter of promulgation; line of position; lube-oil pump
LOR	limits of reconnaissance
loran	long-range aid to navigation
LOS	launch on search; law of the sea; line of sight; line of sound; lubricating oil service, main
LOT	letter of transmittal
LOTS	logistics over-the-shore

NTRP 1-02

LOW	law of war
low-E	low-elevation
LOX	liquid oxygen
LP	landing point; laser pointer; launch point; launch position; limited protection; linking protection; listening post; low power; low pressure; low profile
LPA	amphibious transport; low-pressure air
LPD	amphibious transport dock; low-pressure steam drain
LPd	low probability of detection
LPe	low probability of exploitation
LPH	amphibious assault ship (helicopter)
LPi	low probability of intercept
LPM	linear period modulation
LPMP	launch platform mission planning
LPO	leading petty officer
LPOC	last port of call
LPS	low-pressure steam (drain)
LQ	link quality
LQA	link quality analysis (radio communications; digital automatic link establishment)
LR	laboratory report; launch and recovery; long range
LRA	launcher relay assembly
LRAD	long-range acoustic device
LRAW	long-range air warfare
LRBSDS	Long-Range Biological Standoff Detection System
LRC	logistics readiness center
LRCB	long-range clutter blanking
LRCU	long-range call-up
LRD	laser range finder-detector; laser/range designator
LRE	launch and recovery element

LREC	language, regional expertise, and culture
LRF	laser range finder
LRF/D	laser range finder/detector; laser range-finder/designator
LRI	limited-range intercept; long-range interceptor
LRIP	low-rate initial production
LRM	local resource manager; long-range mode
LRN	Laboratory Response Network (DHHS)
LRO	launch and recovery officer
LRRSD	long-range reconnaissance and surveillance detachment
LRS	launch and retrieval system; littoral remote sensing; long-range surveillance
LRS&T	long-range surveillance and track; long-range surveillance and tracking
LRSD	long-range surveillance detachment
LRSPRAC	long-range special reporting and coordination
LRSU	long-range surveillance unit
LRT	long-range tracker
L RTP	long-range training plan
LS	launching system; liquid level switch; logistics specialist (USN rating); low speed; source level
LSAH	laser semi active homing
LSB	landing support battalion; lower sideband
LSC	landing support company; logistics section chief
LSCOC	landward security combat operations center
LSD	dock landing ship; large-screen display; low shipping density
LSE	landing signal enlisted; landing signalman enlisted; logistic support element
LSF	low-slow flyer
LSFS	Light Airborne Multipurpose System sonobuoy functional segment
LSK	line select key
LSM	medium landing ship

LSMU	launcher switching multiplexing unit
LSO	landing safety officer; landing signals officer; landward security officer
LSP	landing support platoon; launch sequence plan
LSQ	least squares (quadratic)
LSRS	littoral surveillance radar system
LSS	launch support structure; life support skid; littoral surveillance system; loadout support system; low-frequency analysis and recording search summary
LSSO	laser system safety officer; littoral surveillance support operation
LSSS	legal services support section
LST	laser spot tracker; logistics support team; tank landing ship
LSU	launch sequence unit; launcher switching unit
LSV	local sound velocity; logistics support vessel
LT	launch time; lieutenant (USN); long track
LTA	launch timing algorithm; local training area; long-time average
LTC	lieutenant colonel (USA)
LTD	laser target designator
LTE	launch time earliest; Long-Term Evolution
LTEF	launch time earliest feasible
LTFC	logistics task force commander
LTFPAC	Logistics Task Force, Pacific
LTG	lesson training guide; lighting
LTI	limited technical inspection; long-term integration
LTIOV	latest time information of value
LTl	laser target line; laser-to-target line; latest time to launch; launch time latest
LTLF	land the landing force; latest time to launch feasible
LTM	laser target marker
LTN	local track number
LTO	(NATO) leadthrough operation

LTP	launch time preferred
LTS	laser targeting system; launch time soonest; logical time slot
LTTE	Liberation Tigers of Tamil Eelam
LTV	(NATO) leadthrough vessel
LUF	lowest usable frequency
LUP	layup point
LUT	local user terminal
LVAD	low-velocity airdrop
LVBIED	large vehicle-borne improvised explosive device
LVC	lead vehicle commander; low-visibility craft
LVD	low-velocity detection
LVHF	low very high frequency
LVNS	low visibility nonstandard
LVOSS	Light Vehicle Obscuration Smoke System
LVS	Logistics Vehicle System (USMC)
LW	leeway
LWC	landing craft, air cushion wave commander
LWDS	lightweight diving system
LWGM	lightweight gun mount
LWR	laser warning receiver
LWS	laser warning system
LWT	lightweight torpedo (Mk-46, Mk-54)
LZ	landing zone
LZE	lightering zone enforcement
LZSA	landing zone support area
M&RA	Manpower and Reserve Affairs (HQMC)
M&S	modeling and simulation
M/TDDS	mission/tactical data distribution system

NTRP 1-02

M/V	merchant vessel
M2HB	M2 heavy barrel (machine gun)
M3	missile mission matching
MA	masker air; master-at-arms (USN rating); middle-after; mine avoidance; missile alert; mission assignment; mortuary affairs; motor alternator
MAA	master-at-arms; mission area analysis; mutual aid agreement
MAAP	master air attack plan
MABS	Marine air base squadron
MAC	maritime air controller; maritime airborne controller; Military Airlift Command
MACA	(NATO) maritime air control authority; military assistance to civil authorities
MACAS	magnetic capability and safety (system)
MACC	multiple award construction contract
MACCS	Marine air command and control system
MACE	Military Acute Concussion Evaluation
MACG	Marine air control group
MACH	mechanical advantage control hold; Mobile Air Cargo Handling
MACLOS	manual command to line of sight
MACO	marshalling area control officer
MACOM	major Army command
MACS	Marine air control squadron; Multiagency Coordination System
MACSAT	multiple access commercial satellite
MAD	magnetic anomaly detection; message address directory; military air distress
MADCP	mortuary affairs decontamination collection point
MADVEC	magnetic anomaly detection vector; magnetic anomaly detection vectored; (NATO) magnetic anomaly detector verification run
MAE	medium altitude endurance
MAF	master mission library accountability file
MAFFS	modular airborne fire fighting system
mag	magazine

MAG	Marine aircraft group; maritime action group; maritime assessment group; medium area generator
MAGIS	Marine air-ground intelligence system
MAGR	miniaturized airborne Global Positioning System receiver
MAGTF	Marine air-ground task force
MAGTF ACE	Marine air-ground task force aviation combat element
MAINT	maintenance
MAJ	major (USA)
MAJCOM	major command (USAF)
MALD	miniature air-launched decoy
MALS	Marine aviation logistics squadron
MAM	maintenance assistance module
man	manual
MAN	metropolitan area network
MANMED	Manual of the Medical Department
MANPAD	man-portable air defense
MANPADS	man-portable air defense system
MANSCEN	Maneuver Support Center (USA; Fort Leonard Wood, MO, USA)
MANSPT	maneuver support
MAP	Medical Augmentation Program
MAPU	Medical Augmentation Processing Unit
MAR	minimum abort range
MARAD	Maritime Administration
MARCORLOGCOM	Marine Corps Logistics Command (also see MCLC)
MARCORSYSCOM	Marine Corps Systems Command
MARDIV	Marine division
MARFLIR	maritime forward-looking infrared
MARFOR	Marine Corps forces

NTRP 1-02

MARFORCOM	United States Marine Corps Forces Command
MARFORES	Marine forces reserve
MARFOREUR	United States Marine Corps Forces, Europe
MARFORPAC	United States Marine Corps Forces, Pacific
MARFORRES	United States Marine Corps Forces Reserve
MARFORSOC	United States Marine Corps Forces, Special Operations Command
MARFORSYSCOM	United States Marine Corps Systems Command
Marine TACC	tactical air command center (USMC)
MARLE	Marine liaison element
MARLO	Marine liaison officer; maritime liaison office
MARPOL	International Convention for the Prevention of Pollution from Ships
MARREP	maritime report
MARS	Military Auxiliary Radio System
MARSA	military assumes responsibility for separation of aircraft
MARSOC	United States Marine Corps Forces, Special Operations Command
MARSOF	Marine special operations forces
MARSS	multisensor airborne reconnaissance and surveillance system
MARV	maneuvering reentry vehicle
MAS	maritime air support; maritime assault suit
MASC	multiarray signal conditioner
MASCAL	mass casualty
MASF	mobile aeromedical staging facility
MASH	mobile Army surgical hospital
MASINT	measurement and signature intelligence
MASOC	maritime air support operations center
MASS	Marine air support squadron
MAST	military assistance to safety and traffic; mobile ashore support terminal
MAT	maritime assessment team; medical analysis tool

MATC	mini-armored troop carrier
MATCALS	Marine air traffic control and landing system
MATCD	Marine air traffic control detachment
MATCONOFF	material control officer
MATE	manual adaptive target motion analysis estimator; manual adaptive target motion analysis evaluation; manual adaptive target motion analysis evaluator
MATELO	(NATO) Maritime Air Telecommunications Organization
MATRIX	multisource automatic target recognition and interactive exploitation
MATT	multimission advanced tactical terminal
MAW	Marine aircraft wing; Maverick alternate warhead
MAWTS	Marine aviation weapons and tactics squadron
MAWTS-1	Marine Aviation Weapons and Tactics Squadron One
max	maximum
MAXSOR	maximum standoff range
MB	mounting base; multibeam
MBB	mission brief back
MBBLs	thousands of barrels
MBMD	maritime ballistic missile defense
MBRL	multibarrel rocket launcher
MBT	main ballast tank; main battle tank; manual bus transfer
MC	man-day capability; mass communication; mass communication specialist (USN rating); Medical Corps; microphone; Military Committee (NATO); mission command; mission computer; mission controller; modular core; multiple channel
MC&E	mission control and evaluation
MC&G	mapping, charting, and geodesy
MCA	mail control activity; manning control authority; maritime cryptologic architecture; military capabilities assessment; military civic action; mission concept approval; mission coordination area; movement control agency
MCAC	multimission craft, air cushion
MCADS	maritime craft air delivery system

MCAG	maritime civil affairs group
MCAS	Marine Corps air station
MCAST	Maritime Civil Affairs and Security Training
MCAT	maritime civil affairs team
MCAU	maritime civil affairs unit
MCB	Marine Corps base; mobile construction battalion
MCBAT	medical chemical biological advisory team
MCBRN	medical chemical, biological, radiological, and nuclear
MCBul	Marine Corps bulletin
MCC	maintain close contact; maintenance of close contact; Marine component commander; maritime command center; maritime component commander; media coordination center; mission control center; mission crew commander; monitor control console; movement control center
MCCDC	Marine Corps Combat Development Command
MCCLL	Marine Corps Center for Lessons Learned
MCCM	mine counter-countermeasures
MCCM-GE	modified crowd control munition—ground emplaced
MCCS	Marconi command and control system; Marine Corps Community Services
MCCSSS	Marine Corps Combat Service Support Schools
MCD	manipulative communications deception; Marine combatant diver; mobile communications detachment
MCDB	master contact database
MCDM	Medical Chemical Defense Materiel
MCDP	Marine Corps doctrinal publication
MCDS	modular cargo delivery system
MCE	modular control equipment; movement control element
MCEB	Military Communications-Electronics Board
MCESS	Marine Corps Expeditionary Shelter System
MCFCS	Marine Corps Field Contracting System
MCG	midcourse guidance

MCHT	modular chemically hardened tent
MCIA	Marine Corps Intelligence Activity; Marine Corps Intelligence Agency
MCIEAST	Marine Corps Installations East
MCIWEST	Marine Corps Installations West
MCIXS	maritime cellular information exchange service
MCJR	multichannel Jezebel relay
MCLB	Marine Corps logistics base
MCLC	Marine Corps Logistics Command (also see MARCORLOGCOM)
MCLLP	Marine Corps Lessons Learned Program
MCLMS	Marine Corps Lessons Management System (replaces Marine Corps Lessons Learned System)
MCM	maneuver control measure; Manual for Courts-Martial; memorandum for the chairman; mine countermeasures; mine countermeasures ship; multiple countermeasures
MCMAF	Marine Corps martial arts program
MCMC	Marine Corps maintenance contractor; mine countermeasures commander
MCMREP	mine countermeasure report
MCMRON	mine countermeasures squadron
MCMS	machinery control and monitoring system
MCMTG	mine countermeasures task group
MCN	main condensate; mine control number; mobile communications network
MCO	major combat operation; Marine Corps order
MCOIN	Maritime Command Operational Information System
MCOO	modified combined obstacle overlay
MCP	main coolant pump; maximum continuous power; microchannel plate; mobile command post
MCPDS	Marine Corps Publications Distribution System
MCPF	Marine Corps Planning Process
MCPS	modular command post system
MCRD	Marine Corps recruit depot

MCRP	Marine Corps reference publication
MCS	machinery control system; maneuver control system; Military Capabilities Study; mine countermeasures support ship; mission control segment; mission control system; modular communications system
MCS-21	Maritime Cryptologic Systems for the 21st Century
MCSF	Marine Corps security forces
MCSS	Marine Corps supply system
MCT	Marine Corps task; maximum continuous thrust; mobile communications team
MCTL	Marine Corps Task List
MCTSSA	Marine Corps Tactical Systems Support Activity
MCW	minimal care ward; modulated continuous wave
MCWP	Marine Corps warfighting publication
MD	main drainage; maintenance data; man-day; medical doctor; mission data; mission day; mode
MDA	maritime domain awareness; mine danger area; minimum descent altitude
MDAS	material documented as safe; mobile directional antenna system
MDCI	multidiscipline counterintelligence
MDD	maintenance due date
MDE	main diesel engine; manual data entry
MDEH	material documented as an explosive hazard
MDF	main distribution frame; monopulse direction finding
MDI	miss-distance indicator; modernized demolition initiator
MDL	Marine air-ground task force data library; minimum detectable level
MDLEA	Maritime Drug Law Enforcement Act
MDMA	3,4-methylenedioxymethamphetamine (ecstasy)
MDMP	military decision-making process
MDO	military diving operations
MDP	military deception planner; mission data processing
MDR	mean detection range; median detection range; medical department representative; medium data rate; minimum defense range

MDS	maintenance data system; mission data set; mission design series; mission display system; mission distribution system; mobile diving and salvage
MDSD	mobile diving and salvage detachment
MDSRF	mission data situation report file
MDSS II	Marine air-ground task force Deployment Support System II
MDSU	mobile diving and salvage unit
MDT	maritime dynamic target; maritime dynamic targeting
MDTC	maritime dynamic targeting cell
MDTO	mission data transfer order
MDU	main display unit; mission data update
MDZ	maritime defense zone; missile danger zone
ME	man-day equivalent; maneuver enhancement
ME	maneuver enhancement
MEA	mission effectiveness analysis; munitions effectiveness assessment
MEATS	maritime external air transportation system
MEB	maneuver enhancement brigade; Marine expeditionary brigade
MEC	multiple emitter correlation
MECB	maritime effects coordination board
MED	manipulative electromagnetic deception
MEDAC	medical assistance coordinator
MEDAL	Mine Warfare and Environmental Decision Aids Library
MEDCAP	medical civic action program
MEDCOM	United States Army Medical Command
MEDEVAC	medical evacuation
MEDIC	medical, environmental, disease, intelligence, and countermeasures
MEDREG	medical regulating
MEDREGNET	medical regulating network
MEDRUP	Medical Reserve Utilization Program

MEDRUPMIS	Medical Reserve Utilization Program Management Information System
MEDSOM	medical supply, optical, and maintenance unit (USA)
MEE	mission-essential equipment
MEF	Marine expeditionary force; Middle East Force; mission-essential function
MEF(Fwd)	Marine expeditionary force (Forward)
MEG	military exposure guideline
MEL	master equipment list; mobile erector launcher
MEM	manual energy management; medical treatment facility emergency manager; modulate engine mode
MEPED	Military Equipment and Parametrics Engineering Database
mer	merchant (vessel)
MER	maximum effective range; multiple ejector rack
MERCAST	merchant ship broadcast (system)
MERCO	merchant ship reporting and control
MERO	military environmental response operation
MERSHIPS	merchant ships
MES	medical equipment set
MESF	maritime expeditionary security force
MESG	maritime expeditionary security group
MET	mission-essential task; mobile environmental team
METDET	meteorological detachment
METFR	(NATO) maximum effective torpedo firing range
METL	mission-essential task list
METOC	meteorological and oceanographic
METT-T	mission, enemy, terrain and weather, troops and support available-time available (USMC)
METT-TC	mission, enemy, terrain and weather, troops and support available-time available and civil considerations (USA)
METT-TSLC	mission, enemy, terrain and weather, troops and support available-time available, space, logistics, and civilians

MEU	Marine expeditionary unit; mission-essential unit
MEU(SOC)	Marine expeditionary unit (special operations capable)
MEWSS	mobile electronic warfare support system
MEZ	maritime exclusion zone; missile engagement zone
MF	main feed; medium frequency; middle frequency; minefield
MF2K	Medical Force 2000
MFA	medium frequency active
MFCR	missile fire control radar
MFCS	Material Financial Control System; missile fire control system
MGD	multifunction display
MFF	military free-fall; multifunction fuze
MFOM	maintenance figure of merit; Multiple-Launch Rocket System Family of Munitions (USA)
MFOV	medium field-of-view
MFP	major force program; matched field processing; missile flight path; mission folder package
MFPA	methylfluorophosphonic acid
MFPF	minefield planning folder
MFPU	maritime force protection unit
MFR	memorandum for the record; mission-fired report
MFRP	Medical Fleet Response Plan
MFT	mission, functions, and tasks
MFTA	multifunction towed array
MG	machine gun; missile guidance (radar)
mg/mL	milligrams per milliliter
MGB	medium-girder bridge
MGL	mission guidance letter
MGPTS	modular general-purpose tent system
MGRS	military grid reference system
MGS	machine gun system; Marine Geological Survey; marine geophysical survey

NTRP 1-02

MGU	midcourse guidance unit; missile guidance unit
MH	manhole; mental health; multimission helicopter
MHC	magnetic anomaly detection hunting circle; manhole cover; minehunter, coastal
MHCH	manhole cover hinged
MHD	maritime homeland defense
MHE	materials handling equipment
MHH	masthead height
MHN	moving haven
MHQ	maritime headquarters
MHRP	Military Human Immunodeficiency Virus Research Program
MHS	maritime homeland security; military health system
MHS-OPS	Maritime Homeland Security-Operational Planning System
MI	maritime interdiction; military intelligence; mutual interference
MIA	missing in action
MIACG	Medical Interagency Coordination Group
MIC	maritime interception commander; materiel identification and control; missile interface console; multiple interval clutter
MICAS	Mobility Inventory Control Accountability System
MICLIC	mine-clearing line charge
MICM	magnetic influence countermeasure (system)
MICON	mission concept
MICRO	microbiologist
MICRO-SNAP	micro-shipboard nontactical automated data processing system
mid	middle (subarray)
MID	Marine air-ground task force integration division
MIDB	modernized integrated database
MIDL	miniaturized interoperable data link
MIDLANT	Middle Atlantic

MIDS	miniature intrusion detection system; multifunction information distribution system; multifunctional information distribution system
MIF	maritime interception force
MIFC	maritime intelligence fusion center
MIG	metal-inert gas; Multiple Image Geopositioning
MIIDS	Military Intelligence Integrated Data System
MIJI	meaconing, interference, jamming, and intrusion; (NATO) meaconing, intrusion, jamming and interference
MIL	military power
mil	military
MIL-STD	military standard
MILC	minelike contact
MILCO	minelike contact
MILCOM	military communications
MILCON	military construction
MILDEC	military deception
MILDET	military detachment
MILEC	minelike echo
MILES	multiple integrated laser engagement system
MILGP	military group (assigned to American Embassy in host nation)
MILID	military identification code; military unit identification
MILPERSMAN	military personnel manual
MILS	Military Standard Logistics Systems
MILSATCOM	military satellite communications
MILSBILLS	military standard billing system
MILSTAR	military strategic and tactical relay (satellite) system
MILSTEP	military supply and transportation evaluation procedure
MILSTRAP	military standard transaction reporting and accounting procedure
MILSTRIP	military standard requisitioning and issue procedure

MILVAN	military van (container)
MIM	maintenance instruction manual; maintenance instruction message
min	minimum
MIN	medical intelligence note
MINIRAD	minimum radiation
MINSOR	minimum standoff range
MIO	maritime interception operations; maritime interdiction operation (NATO)
MIO-IET	maritime interception operations-intelligence exploitation team
MIOC	maritime intelligence operations center; maritime interception operations commander; maritime interdiction operations commander (NATO)
MIP	maintenance index page
MIPOE	medical intelligence preparation of the operational environment
MIPR	military interdepartmental purchase request
MIR	multisensor imagery reconnaissance
mIRC	Mardam-Bey's Internet Relay Chat
MIS	management information system; missile identification system
MISLE	Marine Information for Safety and Law Enforcement
MISO	military information support operations (formerly psychological operations (PSYOP))
MISREP	mission report
MIT	mobile interrogation team
MITAM	military tasking matrix (USAID)
MITASK	mission tasking
MITL	man-in-the-loop
MITT	military transition team
MIU	multifunction interface unit
MIUW	mobile inshore undersea warfare
MIUWU	mobile inshore undersea warfare unit
MIW	mine warfare

MIWC	mine warfare commander
MIZ	marginal ice zone
Mk	Mark
MK V	Mark Five (special operations craft)
MK V SOC	Mark Five special operations craft
ML	main lobe; mainline; mixed layer; more or less
ML-N	Management List-Navy
MLA	mean line of advance; missile launch assembly; mission load allowance
MLB	Marine logistics battalion; motor lifeboat
MLC	Marine Logistics Command; missile launch console; mooring line cover
MLD	mixed layer depth
MLE	Marine liaison element; maritime law enforcement; maximum likelihood estimation; military law enforcement; military liaison element
MLEM	Maritime Law Enforcement Manual (USCG)
MLG	Marine logistics group
MLM	marine location marker
MLO	material liaison office
MLP	message load plan
MLRS	multiple-launch rocket system
MLS	multilevel security
MLSR	missing, lost, stolen, or recovered (government property report)
MLT	medical laboratory technician
MLW	mean low water
mm	month
MM	machinist's mate (USN rating)
MMA	military mission area; moored-mine avoidance; multimission maritime aircraft
MMART	mobile medical augmentation readiness team
MMC	mobile mail center; mobile mail company; maritime pre-positioning force maintenance cycle

MMEA	medical materiel executive agent
MMF	mobile maintenance facility
MMGTG	marine minesweeping gas turbine generator
MML	master mission library
MMLS	mobile microwave landing system (USAF)
MMM	multifunction modular mast
MMP	missile monitor power; modular mission payload
MPA	Master Military Pay Account
MMR	main machinery room
MMS	marine mammal system; mast-mounted sight; multilevel mail server
MMSD	mass memory storage device
MMSI	maritime mobile service identity
MMT	Marine air traffic control mobile team (USMC); mini-mobile target
MMTI	maritime moving target indicator
MMU	memory module unit
MMW	millimeter wave
MN	main; mineman (USN rating)
MND-B	Multinational Division-Baghdad
MNF	multinational force
MNL	manual; minimum noise level
MNLC	multinational logistic commander
MNMF	multinational maritime force
MNS	mine neutralization system (USN)
MNV	mine neutralization vehicle (AN/SLQ-48 system component)
mo	month
MOA	memorandum of agreement
MOB	main operating base; man overboard; missile order of battle; mobility; mobilization
MOBOARD	maneuvering board

MOC	maritime operations center; mobile operations center
MOCC	mobile operations command center; mobile operations control center
MOD	module
mod	modification
MODAS	Modular Ocean Data Assimilation System; modular oceanographic data assimilation system
MODE	transportation mode
MODLOC	miscellaneous operational details, local operations; modified location
MOE	magnetic anomaly detector operational effectiveness; measure of effectiveness; method of entry
MOF	multioption fuze
MOG	automotive gasoline; maximum (aircraft) on ground
MOGAS	motor gasoline
MOH	Ministry of Health
MOI	mechanism of injury
MOLT	Marine air-ground task force offload liaison team
MOM	military ordinary mail
MOMAD	mobile mine assembly detachment
MOMAG	mobile mine assembly group
MOMAT	mobility matting
MOMAU	mobile mine assembly unit
MOMS	man-on-the-move system
MOP	magnetic orange pipe; map overflight probability; master operating panel; measure of performance
MOPP	mission-oriented protective posture
MOR	minimum out range
MORS	Military Operations Research Society
MOS	military occupational specialty; missions of state
MOSS	mobile submarine simulator

MOST	Marine Operational Stress Training; mobile over snow transport
MOT	mark on top; middle of target
MOTR	maritime operational threat response
MOTS	mobile tower system
MOTU	mobile technical unit
MOU	memorandum of understanding
MOUT	military operations in urban terrain; military operations on urbanized terrain
MOVLAS	manually operated visual landing aid system
MOVORD	movement order
MOVREP	movement report
MP	manpack; medium pressure; medium pulse; melting point; microprocessor; military police (Army and Marine); mission package; mission planner; mission planning; multinational publication; multipurpose
MP&B	mission planning and briefing
MPA	maritime patrol aircraft; medium pressure air
MPB	manual pushbutton
MPC	message processing center; mid-planning conference; military postal clerk; mission planning cell; multipurpose console; multipurpose crane
MPD	multipurpose display
MPE	maximum permissible exposure
MPE/S	maritime pre-positioning equipment and supplies
MPF	maritime pre-positioning force; mission planning folder
MPF(E)	maritime pre-positioning force (enhanced)
MPG	main planning group (USMC); maritime planning group; mensurated point graphic
MPI	mean point of impact (artillery)
MPMF	multipulse multifrequency
MPO	military post office; minefield performance objective; mission payload operator
MPP	military planning process; mission-planning procedure
MPPEH	material potentially presenting an explosive hazard

MPR	maritime patrol and reconnaissance; mission planning request; multipath ranging
MPRA	maritime patrol and reconnaissance aircraft
MPRF	medium pulse repetition frequency
MPS	maritime pre-positioning ship; message processing subsystem; Military Postal Service; mission planning system
MPSA	Military Postal Service Agency
MPSM	multipurpose submunition
MPSRON	maritime pre-positioning ships squadron
MPT	mission planning team
MPT&E	manpower, personnel, training, and education (USN)
MPTE	Manpower, Personnel, Training, and Education
MPTL	maritime prioritized target list
MQT	mission qualification training
MR	machinery repairman (USN rating); medium-range; mission ready; mobile radio; moonrise
MRA	main response axis; maximum response axis; mission readiness assessment
MRAAW	medium-range antiair warfare
MRAD	medium-range acoustic device
MRAS	Mission Readiness Assessment System
MRAT	medical radiobiology advisory team
MRAW	medium-range air warfare
MRB	master reference buoy
MRBM	medium-range ballistic missile
MRC	maintenance requirement card; mobile radio communications; Movement Report Center
MRCC	medical regulating control center; movement report control center
MRCI	mine readiness certification inspection
MRCM	medium-range cruise missiles
MRCO	medical regulating control officer (USN)
MRE	meal, ready to eat

NTRP 1-02

MRF	mobile riverine force
MRG	main reduction gear; merge (tracks)
MRI	magnetic resonance imaging; mail routing instruction; Medical Reengineering Initiative
MRL	maritime rear link; multiple rocket launcher
MRMS	maintenance resource management system (USN)
MRN	mine reference number
MRO	mass rescue operation; medical regulating office
MRP	Munitions Requirements Process
MRR	medium-range recovery; minimum-risk route
MRS	master record sheet; maximum-range search; medium-range surveillance; Mini Rawinsonde System
MRSP	mobility readiness spares package
MRT	medical regulating team; miniature receiver terminal
MRTD	minimum resolvable temperature difference
MRU	minimum replacement unit
MRUUV	mission-reconfigurable unmanned undersea vehicle
MRV	multiple reentry vehicle
MRX	mission rehearsal exercise
MS	main steam; mass spectrometer; mass spectrometry; master station; Microsoft; mission specialist; moonset; MultiScan (tracks)
MS-DOS	Microsoft disk operating system
MSA	minimum safe altitude
MSASM	multistatic active system model
MSB	motor surfboat
MSC	major subordinate command; Medical Service Corps; merchant ship characteristics; Military Sealift Command; mission support center; mission support confirmation
MSCA	military support to civil authorities
MSCCENT	Military Sealift Command, Central
MSCEURAF	Military Sealift Command, Europe and Africa

MSCFE	Military Sealift Command, Far East
MSCLANT	Military Sealift Command, Atlantic
MSCMR	Military Sealift Command movement report
MSCO	Military Sealift Command Office
MSCP	maritime security cooperation plan
MSCPAC	Military Sealift Command, Pacific
MSD	maintenance support detachment; marine sanitation device; maritime security detachment; master scuba diver; material support date; minesweeper, drone; minimum safe distance; mobile security detachment
MSDDS	multi-Service data distribution System
MSDS	material safety data sheet; mission-specific data set
MSE	major subordinate element; mobile subscriber equipment
MSF	minesweeper, fleet; mission support force; mobile security force
MSFCMA	Magnuson-Stevens Fisheries Conservation and Management Act
MSFD	main space fire doctrine; multi-Service force deployment
MSFSC	Military Sealift Fleet Support Command
MSFZ	missile seeker zone of fire
MSG	Marine Security Guard; master sergeant (USA); multi-source group
msg	message
MSGID	message identification
MSHA	Mine Safety and Health Administration
MSI	maritime safety information; modified surface index; multispectral imagery; multisensor interpretation
MSIC	Missile and Space Intelligence Center
MSITS	multisensor integration and tracking system
MSK	minimum shift keying
MSL	mean sea level; military shipping label; missile
MSLO	mass swimmer lockout
MSM	mine setting mode

NTRP 1-02

MSN	memory sequence number; message serial number; mission serial number
MSO	maritime security operations; maritime special operations; master station operator; medical services officer
MSO-R	maritime security operations-ready
MSOB	Marine special operations battalion (MARSOB)
MSOC	Marine special operations company; medical support operations center
MSOT	Marine special operations team (MARSOB)
MSP	mobile sensor platform; multistatic processor
MSR	main supply route; maritime support request; mission support request
MSRON	maritime expeditionary security squadron (formerly mobile security squadron)
MSRT	maritime security response team
MSS	mine-setting sheet; minehunting sonar set; minesweeper, special; missile system supervisor; mission support site; mission support system
MSST	maritime safety and security team (USCG)
MST	maintenance support team; mission support team
MSTP	Marine air-ground task force Staff Training Program
MSTS	multisource tactical system
MSU	mobile support unit
MSW	main seawater (circulating and cooling); master switch (main engines)
MT	maneuvering target; measurement ton; mechanical time (artillery fuze); megaton; missile technician (USN rating); mount
MT-PD	mechanical time-point detonating
MTA	mine threat area
MTAC	Multiple Threat Alert Center
MTACCS	Marine tactical command and control system (USMC)
MTACS	Marine tactical air command squadron
MTADS	multisensor towed array detection system
MTB	maintain true bearing; maintenance of true bearing
MTBCF	mean time between critical failures

MTBF	mean time between failures
MTC	magnetic tape cartridge
MTCB	maritime targeting coordination board
MTCR	missile technology control regime
MTD	moving target detector
MTDS	Marine Corps tactical data system
MTF	main track file; mechanical time fuze; medical treatment facility; message text format; mission task folder
MTI	moving target indicator
MTIX	Moving Target Information Exploitation
MTM	maritime target manager; modulate transmission mode
MTMS	maritime tactical message system
MTN	multitactical data link network
MTNL	maritime target nomination list
MTO	material takeoff; maritime tasking order
MTOE	modified table of organization and equipment
MTP	maritime tactical publication; maritime task plan; mission training plan; multinational tactical publication
MTR	mandatory turn-in repairable
MTS	Marine Transportation System; maritime transportation system; mobile-track system; Movement Tracking System
MTSQ	mechanical time superquick
MTST	maneuvering target statistical tracker
MTT	mobile training team
MTTP	multi-Service tactics, techniques, and procedures
MTU	magnetic tape unit; mobile training unit
MTVR	medium tactical vehicle replacement
MTW	major theater war
MTWG	maritime targeting working group

NTRP 1-02

MU	musician (USN rating)
MUF	make-up feed; maximum usable frequency
MUMMS	Marine Corps Unified Material Management System
MUREP	munitions report
MUSE	mobile utilities support equipment; multiple unified simulation environment
MUTE	multiplex unit for transmission elimination
MV	merchant vessel; minute volume; motor vessel
MV(L)	minute volume (in liters) (USA)
MVI	mission verification index
MVR	maneuver; muzzle velocity radar
MW	molecular weight
MWB	motor whaleboat
MWC	(NATO) mine warfare coordinator; multiple weapons coordination
MWCG	Marine wing control group
MWCS	Marine wing communications squadron
MWD	military working dog
MWHS	Marine wing headquarters squadron
MWIR	medium wavelength infrared
MWOD	multiple word-of-day
MWP	mine warfare pilot
MWR	morale, welfare, and recreation
MWRG	mine warfare readiness group
MWS	missile warning system
MWSG	Marine wing support group
MWSS	Marine wing support squadron
MWTC	Mine Warfare Training Center
MX	maintenance
N-1	Navy component manpower or personnel staff officer

N-2	intelligence officer; Navy intelligence staff officer; Navy staff intelligence directorate
N-2X	Maritime Force intelligence directorate counterintelligence and human intelligence staff element
N-3	Navy staff operations directorate; operations officer
N-4	logistics officer; Navy component logistics staff officer; Navy staff logistics directorate
N-5	Navy staff plans directorate
N-6	communications officer; Navy staff communications/information systems directorate
N/A	not applicable
NA	nation assistance; needs analysis; not applicable
NAAK	nerve agent antidote kit
NAAQS	National Ambient Air Quality Standards
NAASW	nonacoustic antisubmarine warfare
NAB	naval amphibious base
NAC	national agency check; neighborhood action council; normal approach course
NACHB	Navy air cargo handling battalion
NAD	North American datum (used for geographic reference)
NADEP	naval aircraft depot
NADR	Nonproliferation, Antiterrorism, Demining, and Related (Programs)
NAEC	Naval Air Engineering Center
NAEC-ENG	Naval Air Engineering Center-Engineering
NAERG	North American Emergency Response Guidebook
NAF	naval air facility; nonappropriated funds; numbered air force
NAG	northern Arabian Gulf
NAI	named area of interest
NALC	Naval Ammunition Logistics Center; Navy ammunition logistics code
NALCOMIS	Naval Aviation Logistics Command Management Information System
NALE	naval and amphibious liaison element; Navy-Air Force liaison element
NALO	Navy Air Logistics Office

NALSS	naval advanced logistic support site
NAM	navigation analysis module
NAMDC	Navy Air and Missile Defense Command
NAMDRP	Naval Aviation Maintenance Discrepancy Reporting Program
NAMI	Naval Aerospace Medical Institute
NAMTO	Navy material transportation office
NAMTS	Navy afloat maintenance training strategy
NAOMIS	Navy Material Transportation Office Operations Management Information System
NAPMIS	Navy Preventive Medicine Information System
NAPP	nerve agent pyridostigmine pretreatment
NAR	notice of ammunition reclassification
NARA	National Archives and Records Administration
NARAC	National Atmospheric Release Advisory Center
NARP	Nuclear Weapon Accident Response Procedures
NAS	national airspace; national airspace system; naval air station
NASA	National Aeronautics and Space Administration
NASAR	National Association for Search and Rescue
NASIC	National Air and Space Intelligence Center
NASNI	Naval Air Station, North Island
NASP	naval activities support program
NASTP	Naval Aviation Survival Training Program
NAT	North Atlantic
NATDS	Navy automated transportation data system
NATEC	Naval Air Technical Data and Engineering Service Command
NATF	needs assessment task force
NATIP	Naval Aviation Technical Information Product
NATO	North Atlantic Treaty Organization
NATOPS	Naval Air Training and Operating Procedures Standardization

NATT	naval attaché
NAU	noise augmentation unit
NAV	navigational; navigator
nav	navigation
NAV/COM	navigator/communicator
NAVADMIN	naval administrative (message)
NAVAID	navigation aid
NAVAIDS	navigational aids
NAVAIR	Naval Air Systems Command (also see NAVAIRSYSCOM)
NAVAIRSYSCOM	Naval Air Systems Command (also see NAVAIR)
NAVBEACHGRU	naval beach group (also see NBG)
NAVCC2	navigation command and control
NAVCAMS	naval communications area master station
NAVCERT	navigation certification
NAVCHAPGRU	Navy cargo-handling and port group
NAVCIRT	naval computer incident response team
NAVCOMPARS	Navy communications processing and routing system
NAVCOMPT	Comptroller of the Navy; Navy Comptroller
NAVCOMSTA	naval communications station
NAVEDTRA	naval education and training
NAVEDTRACOM	Naval Education and Training Command
NAVELEX	Naval Electronic Systems Command
NAVELSG	Navy expeditionary logistics support group
NAVEODTECHDIV	Naval Explosive Ordnance Disposal Technology Division
NAVFAC	Naval Facilities Engineering Command (also see NAVFACENGCOM)
NAVFAC P	Naval Facilities Engineering Command publication
NAVFACENGCOM	Naval Facilities Engineering Command (also see NAVFAC)
NAVFACINST	Naval Facilities Engineering Command instruction

NTRP 1-02

NAVFACLANT	Naval Facilities Engineering Command, Atlantic
NAVFACPAC	Naval Facilities Engineering Command, Pacific
NAVFOR	Navy forces
NAVICP	naval inventory control point
NAVICP-M	Naval Inventory Control Point–Mechanicsburg
NAVLANTMETOCCEN	Naval Atlantic Meteorology and Oceanography Center
NAVMACS	Naval Modular Automated Communications System
NAVMACS II	Naval Modular Automated Communications System II
NAVMC	Navy/Marine Corps departmental publication
NAVMED	Navy Medical (Command); Navy medicine
NAVMEDCOM	Naval Medical Command
NAVMEDCOMINST	Navy medical command instruction
NAVMEDLOGCOM	Naval Medical Logistics Command
NAVMETOCCOM	Naval Meteorology and Oceanography Command
NAVMETOCCOMINST	Naval Meteorology and Oceanography Command Instruction
NAVMIC	Naval Maritime Intelligence Center (supersedes NTIC)
NAVMTO	Navy Material Transportation Office
NAVNETWARCOM	Naval Network Warfare Command (also see NNWC)
NAVOCEANCOMINST	Naval Oceanographic Command instruction
NAVOCEANO	Naval Oceanographic Office
NAVOCEANOINST	Naval Oceanographic Office instruction
NAVOSH	Navy occupational safety and health
NAVPACMETOCCEN	Naval Pacific Meteorology and Oceanography Center
NAVPERS	Navy Personnel Command
NAVPETOFF	Naval Petroleum Office
NAVPHIBSCOL	Naval Amphibious School
NAVPLOT	navigation plot
NAVPTO	Navy passenger transportation office

NAVRESFOR	Navy Reserve Force (also see NRF)
NAVSCIATTS	Naval Small Craft Instruction and Technical Training School
NAVSCOLEOD	naval school explosive ordnance disposal
NAVSEA	Naval Sea Systems Command (also see NAVSEASYSKOM)
NAVSEACEN	Naval Sea Support Center
NAVSEALOGCEN	naval sea logistics center
NAVSEASYSKOM	Naval Sea Systems Command (also see NAVSEA)
NAVSEC	Navy Ship Engineering Center
NAVSISA	Navy Supply Information Systems Activity (formerly Fleet Material Support Office (FMSO))
NAVSO	Navy Staff Office
NAVSOC	naval special operations command; naval special operations component
NAVSOE	naval special operations forces; Navy special operations forces
NAVSOP	Navy standing operating procedures
NAVSOTF	naval special operations task force
NAVSPACEKOM	Naval Space Command
NAVSPECWARKOM	Naval Special Warfare Command (also see NSWC)
NAVSPECWARDEVGRU	naval special warfare development group (also called NSWDE)
NAVSPECWARGRU	naval special warfare group (also see NSWG)
NAVSPOC	Naval Space Operations Center
NAVSSS	Naval Ship Systems Engineering Station
NAVSSI	navigation sensor system interface
NAVSTA	naval station
NAVSUP	Naval Supply Systems Command (also see NAVSUPSYSKOM); navigation supervisor
NAVSUPINST	Naval Supply Systems Command instruction
NAVSUPPUB	Naval Supply Systems Command publication
NAVSUPSYSKOM	Naval Supply Systems Command (also see NAVSUP)
NAVTACNET	naval tactical network

NAVTEX	navigation telex; navigational text
NAVTRANSSUPCEN	Naval Transportation Support Center (also called NAVTRANS)
NAVWEPS	Bureau of Naval Weapons
Navy TACC	tactical air control center (USN)
NAWC	naval air warfare center; Naval Air Weapons Station (China Lake, CA)
NB	narrowband; Navy blue (message)
NBC	nuclear, biological, and chemical (being replaced by "CBRN".)
NBCC	nuclear, biological, chemical, and conventional
NBCWRS	nuclear, biological, and chemical warning and reporting system
NBDP	narrow-band direct printing
NBG	naval beach group (also see NAVBEACHGRU)
NBIS	National Biosurveillance Integration System
NBSV	narrowband secure voice
NBT	Network Basic Input/Output System over transmission control protocol/Internet protocol
NBVC	Naval Base Ventura County
NC	natural circulation; navigation controller; Navy counselor (USN rating)
NC2	nuclear command and control
NC2AO	naval command and control of air operations
NCA	national capital area; noisy channel avoidance
NCAGS	naval cooperation and guidance for shipping
NCAGS CDR	(NATO) naval cooperation and guidance for shipping commander
NCAGSLO	(NATO) naval cooperation and guidance for shipping liaison officer
NCAGSORG	(NATO) Naval Cooperation and Guidance for Shipping Organization
NCAPS	naval coordination and protection of shipping
NCASW	network-centric antisubmarine warfare
NCB	naval construction brigade; noncompliant boarding
NCC	National Coordinating Center; Navy Command Center; Navy component command; Navy component commander; Navy Crane Center

NCCOSC	Naval Center for Combat and Operational Stress Control
NCCS	Navy command and control system; Nuclear Command and Control System
NCCSA	Navy Command and Control System Ashore
NCCT	network-centric collaborative targeting
NCD	naval construction division
NCDOC	Navy Cyber Defense Operations Command
NCDU	naval combat demolition unit
NCE	naval construction element
NCEA	noncombat expenditure allocation
NCES	Net-Centric Enterprise Services
NCF	naval construction force
NCFC	Naval Construction Forces Command
NCFSU	naval construction force support unit
NCHB	Navy cargo-handling battalion
NCHB1	Navy Cargo Handling Battalion ONE
NCI	National Cancer Institute
NCIC	National Crime Information Center
NCIS	Naval Criminal Investigative Service
NCMI	National Center for Medical Intelligence
NCO	net control officer; noncombat operations; noncommissioned officer
NCOIC	noncommissioned officer in charge
NCOM	Navy Coastal Ocean Model
NCOPD	noncommissioned officer professional development
NCP	National Contingency Plan
NCR	National Capital Region (US); naval construction regiment
NCR(CE)	naval construction regiment (command element)
NCR-IADS	National Capital Region - Integrated Air Defense System
NCRCC	National Capital Region Coordination Center

NTRP 1-02

NCS	National Communications System; naval control of shipping; net control station
NCSO	(NATO) naval control of shipping officer
NCSRC	(NATO) naval control of shipping region commander
NCT	net cycle time
NCTAMS	naval computer and telecommunications area master station
NCTC	Naval Computer and Telecommunications Command; naval construction training center
NCTF-CND	Navy Component Task Force for Computer Network Defense
NCTI	noncooperative target identification
NCTR	noncooperative target recognition
NCTSI	Navy Center for Tactical Systems Interoperability
NCV	noncompliant vessel
NCW	network-centric warfare
NCWA	naval coastal warfare area
NCWC	naval coastal warfare commander
NCWGRU	naval coastal warfare group
NCWRON	naval coastal warfare squadron
ND	Navy diver (USN rating); neutral density
NDA	national defense area; Nulka decoy algorithm
NDAA	National Defense Authorization Act
NDAF	Navy, Defense Logistics Agency, Air Force
NDB	nondirectional beacon; nuclear depth bomb
NDDS	Network Data Distribution System
NDESC	Navy Doctrine Executive Steering Committee
NDLS	Navy Doctrine Library System
NDMO	national disaster management office
NDMS	National Disaster Medical System (DHHS)
NDMSOSC	National Disaster Medical System Operations Support Center
NDP	national disclosure policy; naval doctrine publication

NDPO	National Domestic Preparedness Office
NDRF	National Defense Reserve Fleet
NDS	navigation distribution system; nondirected search
NDSTC	Navy Diving and Salvage Training Center
NDW	Naval District Washington; navigation decision workstation
NE	Navy Enterprise; sulfur with small amounts of silica gel (USA)
NEA	new energy alarm
NEADS	Northeast Air Defense Sector
NEAT	naval embarked advisory team
NEC	naval exercise coordinator; Navy enlisted classification (code)
NECC	Navy extremely high frequency communications controller; Navy Expeditionary Combat Command; Network-Enabled Command Capability
NECE	Naval Expeditionary Combat Enterprise; Navy Entomology Center of Excellence
NECOS	net control station
NED	NATO effective date
NEDB	NATO Emitter Database
NEDU	Navy Experimental Diving Unit
NEF	naval expeditionary force
NEHC	Navy Environmental Health Center
NEHSS	naval expeditionary health service support
NEIC	Navy Expeditionary Intelligence Command
NELR	Navy expeditionary logistics regiment
NEMSCOM	Navy Expeditionary Medical Support Command
NEMTI	Navy Expeditionary Medical Training Institute
NEO	noncombatant evacuation operation
NEPA	National Environmental Policy Act
NEPLO	Navy emergency preparedness liaison officer
NEPMU	Navy environmental and preventive medicine unit

NEPO	Naval Facilities Engineering Command Expeditionary Programs Office
NERF	Navy emitter reference file
NES	National Exploitation System; National Imagery and Mapping Agency Exploitation System; network encryption system
NET	not earlier than
NETC	Naval Education and Training Command (formerly Chief of Naval Education and Training (CNET))
NETPREC	network precedence (USN)
NEU	neutral
NEURS	Navy energy usage reporting system
NEWCON	new construction
NEX	Navy Exchange
NEXCOM	Navy Exchange Service Command
NF	nonfragmentation
NFA	no-fire area
NFAF	Naval Fleet Auxiliary Force
NFC	numbered fleet commander
NFCS	Naval Fires Control System; Navy field contracting system
NFELC	Naval Facilities Expeditionary Logistics Center
NFESC	Naval Facilities Engineering Service Center
NFI	Naval Facilities Institute
NFIP	National Foreign Intelligence Program
NFL	Navy forward laboratory
NFLIR	navigation forward-looking infrared
NFLO	Navy Foreign Language Office
NFLS	naval forward logistic site
NFM	nonlinear frequency modulation
NFO	naval flight officer
NFOM	normalized figure of merit

NFOV	narrow field-of-view
NFPA	National Fire Protection Association
NFZ	nonfiring zone
NG	National Guard
NGA	National Geospatial-Intelligence Agency
NGB	National Guard Bureau
NGCS	National Guard Civil Support
NGES	Next Generation Electronic Warfare Integrated Reprogramming Database System
NGF	naval gunfire
NGFEX	naval gunfire exercise
NGFO	naval gunfire officer
NGFS	naval gunfire support
NGIC	National Ground Intelligence Center
NGLO	naval gunfire liaison officer
NGMU	National Guard Management Utility
NGO	naval gunfire officer; nongovernmental organization
NGR	National Guard regulation
NHRC	Naval Health Research Center
NHT	Navy human intelligence team
NHTSA	National Highway Traffic Safety Administration
NIAPS	Navy information/application product suite
NIBRS	National Incident-Based Reporting System
NIC	National Ice Center; National Integration Center; naval intelligence center; Naval Intelligence Command
NIC-C	National Intelligence Coordination Center
NID	naval intelligence database; Naval Intelligence Department
NIDA	National Institute on Drug Abuse
NIDTS	NATO initial data transfer system

NIEWS	Navy Tactical Command System - Afloat imagery exploitation workstation
NIF	Navy Industrial Fund
NIFC	national interagency fire center
NIICD	National Interagency Incident Communications Division
NIIN	National Item Identification Number
NIIP	Navy Instructional Input Program
NIIRS	National Imagery Interpretability Rating Scale
NIMS	National Incident Management System
NIMSR	nonconsumable item materiel support request
NIOC	Navy information operations command
NIOSH	National Institute for Occupational Safety and Health
NIP	National Intelligence Program
NIPR	Naval Intelligence Products Register
NIPRNET	Nonsecure Internet Protocol Router Network
NIPS	Naval Intelligence Processing System
NIS	national input segment; Naval Investigation Service; not-in-stock
NISC	Naval Intelligence Support Center
NISH	noncombatant evacuation operation intelligence support handbook
NIST	National Institute of Standards and Technology; national intelligence support team
NITES	Navy Integrated Tactical Environmental System; Navy Tactical Command System - Afloat integrated tactical environmental subsystem
NITF	national imagery transmission format
NITF-MS	Naval Intelligence Task Force-Maritime Security
NIU	navigation interface unit
NIWA	Naval Information Warfare Activity
NIXIE	torpedo countermeasures system (AN/SLQ-25)
NJOIC	National Joint Operations Intelligence Center
NJP	nonjudicial punishment

NK	nonkinetic
NKN	North Korean Navy
NKO	Navy Knowledge Online
NKP	navigation keyboard printer
NL	Navy lighterage; no limit; noise level; nonlethal
NLETS	National Law Enforcement Telecommunications System
NLI	Naval Logistics Integration
NLL	Naval Logistics Library; Navy lessons learned
NLLDB	Navy Lessons Learned Database
NLLIS	Navy Lessons Learned Information System
NLLS	Navy Lessons Learned System
NLOS-LS	nonline-of-sight launch system
NLT	naval liaison team; no later than; not later than
NLW	nonlethal weapon
NM	noise monitoring
NMAWC	Naval Mine and Anti-Submarine Warfare Command
NMAWC-CC	Naval Mine and Anti-Submarine Warfare Command-Corpus Christi
NMC	naval medical center; Navy Munitions Command; network management center; not-mission-capable
NMCARS	Navy Marine Corps Acquisition Regulations Supplement
NMCB	naval mobile construction battalion
NMCB AIRDET	naval mobile construction battalion air detachment
NMCC	National Military Command Center
NMCPHC	Navy and Marine Corps Public Health Center
NMCS	not mission-capable, supply
NME	Navy Medicine East
NMEA	National Marine Electronics Association
NMET	Navy mission-essential task

NMETL	Navy Mission-Essential Task List
NMFC	naval maritime forecast center
NMFS	National Marine Fisheries Services
NMIC	National Maritime Intelligence Center
NMIS	Nutrition Management Information System
NMITC	Navy Marine Corps Intelligence Training Center
NMLC	Naval Medical Logistics Command
NMMPT&E	Navy Medicine, Manpower, Personnel, Training, and Education (Command)
NMMS	Navy mast-mounted sight
NMMSS	Navy mast-mounted sight system
NMOS	necessary military occupational specialty
NMP	Navy manning plan; NOT IN MULTINATIONAL PUBLICATION
NMPS	Navy mobilization processing site; Navy Motion Picture Service
NMR	non-mission ready
NMRC	Naval Medical Research Center
NMRT	National Medical Response Team
NMS	National Military Strategy
NMS-CO	National Military Strategy for Cyberspace Operations
NMSC	Navy Medicine Support Command
NMW	Navy Medicine West
NMWP	nonmanufactured wood packing
NNFE	Naval Network Warfare Command FORCEnet Enterprise
NNMC	National Naval Medical Center (Bethesda, MD)
NNOP	nonnuclear ordnance planning
NNOR	nonnuclear ordnance requirement
NNPI	nuclear propulsion plant information
NNPS	nuclear propulsion plant space
NNSA	National Nuclear Security Administration

NNSY	Norfolk Naval Shipyard
NNWC	Naval Network Warfare Command (also see NAVNETWARCOM)
no	number
NOAA	National Oceanic and Atmospheric Administration
NOAC	Naval Oceanographic Antisubmarine Warfare Center
NOACT	Navy overseas air cargo terminal
NOB	naval order of battle
NOBC	Navy officer billet classification; Navy officer billet code
NOC	National Operations Center; naval operating concept
NOCOM	no communications
NOD	night observation device
NOFORN	not releasable to foreign nationals
NOI	notice of intent; notice of intention
NOIC	Naval Operational Intelligence Center
NOK	next of kin
NOL	non-overlapped
NOLSC	Naval Operational Logistics Support Center (US Navy Naval Supply Systems Command)
NOLSC AMMO	Naval Operational Logistics Support Center Ammunition
NOMBO	nonmine bottom object; nonmine, minelike bottom object
NOME	non-minelike echo
NOMI	Naval Operational Medicine Institute (USN)
NOMLL	naval operational medical lessons learned
NOMLLC	Naval Operational Medical Lessons Learned Center
NOMLLS	Naval Operational Medical Lessons Learned System
NOMWC	Naval Oceanography Mine Warfare Center
NONSUB	nonsubmarine
NOPF	naval ocean processing facility
NOPF DN	Naval Ocean Processing Facility Dam Neck

NTRP 1-02

NOPF WI	Naval Ocean Processing Facility Whidbey Island
NORAD	North American Aerospace Defense Command
NORDO	no-radio (aircraft)
NORHB	Navy Ordnance Reporting and Handling Battalion
NORM	normal
NORPAC	Northern Pacific
NORS	not operationally ready, supply
NOS	network operating systems; normal operating state
NOSC	Navy operational support center; network operations and security center
NOSSA	Naval Ordnance Safety and Security Activity
NOSSP	Navy Ocean Sound Speed Prediction
NOST	Navy Operations Security Support Team
NOSTRA	Naval Ophthalmic Support and Training Activity (USN)
NOTACK	no attack (area)
NOTAM	notice to airmen
NOTMAR	notice to mariners
NOW	navigator of the watch; Navy orderwire
NP	neuropsychiatric; nurse practitioner
NPA	nasopharyngeal airway
NPC	Navy Personnel Command
NPDES	National Pollutant Discharge Elimination System (U.S. EPA)
NPG	network participation group; National Institute for Occupational Safety and Health Pocket Guide to Chemical Hazards
NPL	National Priorities List (EPA)
NPP	Navy planning process
NPRN	National Port Readiness Network
NPT	nonparticipant; Treaty on the Nonproliferation of Nuclear Weapons
NR	none recommended

NRAC	Navy region area coordinator
NRC	National Response Center; Navy Regional Contracting; Nuclear Regulatory Commission
NRCC	Navy regional contracting center
NRCHB	Navy Reserve cargo-handling battalion
NRCS	Navy Region Center, Singapore
NRD	(noise) recognition differential
NRDEC	Natick Research, Development, and Engineering Center (Army)
NRF	National Response Framework; Navy Reserve Force (also see NAVRESFOR)
NRFC	Navy Reserve Forces Command
NRFI	not ready for issue
NRL	Naval Research Laboratory
NRO	National Reconnaissance Office; no run out
NRP	National Response Plan
NRP-ICEPP	National Response Plan and Incident Communications Emergency Policy and Procedures
NRRE	Navy Readiness Reporting Enterprise
NRRM	Navy Reserve Readiness Module
NRSOI	Navy reception, staging, onward movement and integration
NRT	near real time; non-real-time
NRTD	near-real-time dissemination
NRTI	near-real-time intelligence
NS	naval station; near surface
NSA	National Security Agency; national shipping authority; NATO Standardization Agency; Naval Security Agency; naval support activity
NSANET	National Security Agency Network
NSAWC	Naval Strike and Air Warfare Center
NSC	National Security Council; NATO Shipping Center; (NATO) NATO Shipping Centre; naval supply center
NSCC	(NATO) NATO surveillance coordination centre
NSCS	National Security Council System

NSCT-1	Naval Special Clearance Team One
NSCT1	Naval Special Clearance Team One
NSD	naval supply depot; non-self-destruct
NSDA	non-self-deployable aircraft
NSDD	national security decision directive
NSDM	national security decision memorandum
NSE	Navy support element; signal excess
NSF	National Strike Force (USCG); naval security force; naval support facility; naval surface fire; Navy security force
NSFCC	National Strike Force Coordination Center
NSFS	naval surface fire support
NSG	NATO Sea Gnat
NSG-D	NATO Sea Gnat-distraction
NSG-S	NATO Sea Gnat-seduction
NSL	no-strike list
NSMP	Navy support and mobilization plan
NSN	national stock number
NSO	nuclear safety officer
NSOC	National Security Operations Center
NSOF	Navy status of forces
NSOMI	Naval Special Operations Medical Institute
NSP	naval cooperation and guidance for shipping point
NSPD	national security Presidential directive
NSRP	national signals intelligence requirements process
NSRS	National Search and Rescue Supplement
NSS	National Search and Rescue Supplement; National Security Strategy; navigation sonar system
NSSB	Navy supply support battalion
NSSC	naval submarine support center

NSSE	national special security event
NSSM	NATO Sea Sparrow missile
NSSMS	NATO Sea Sparrow missile system
NSST	naval space support team
NSSW	NATO Sea Sparrow seawater cooling
NST	net station time
NSTCA	Nuclear Security Threat Capabilities Assessment
NSTI	Naval Survival Training Institute
NSTM	naval ships technical manual
NSW	naval special warfare; naval surface warfare
NSWAN	NATO Secret Wide Area Network
NSWC	Naval Special Warfare Command; Naval Strike Warfare Center; Naval Surface Warfare Center
NSWC-DD	Naval Surface Warfare Center-Dahlgren Division
NSWC-PCD	Naval Surface Warfare Center-Panama City Division
NSWC-PHD	Naval Surface Warfare Center-Port Hueneme Division
NSWCEN	Naval Special Warfare Center
NSWDG	naval special warfare development group (also called NAVSPECWARDEVGRU)
NSWE	Navy Surface Warfare Enterprise
NSWG	naval special warfare group (also see NAVSPECWARGRU)
NSWRON	naval special warfare squadron
NSWTE	naval special warfare task element
NSWTF	naval special warfare task force
NSWTG	naval special warfare task group
NSWTU	naval special warfare task unit
NT	network termination; new technology (Windows); non-tight
NTA	Navy tactical task
NTACS	Navy tactical air control system

NTRP 1-02

NTC	National Training Center
NTCS-A	Navy Tactical Command System-Afloat
NTCSS	Navy Tactical Command Support System
NTD	non-tight door
NTDC	nontactical data collection
NTDS	naval tactical data system
NTF	naval task force
NTIA	National Telecommunications and Information Administration
NTIMS	Navy Training Information Management System
NTIS	National Technical Information Service; night thermal imaging system
NTISR	non-traditional intelligence, surveillance, and reconnaissance (DOD)
NTISSD	National Telecommunications and Information Security System directive
NTM	national technical means
NTNF	National Technical Nuclear Forensics
NTP	National Toxicology Program (NIEHS); naval telecommunications publication; Navy training plan; network time protocol
NTR	net time reference; network time reference
NTRP	Navy tactical reference publication
NTS	naval telecommunications system; night targeting system
NTSB	National Transportation Safety Board
NTSC	National transmission standards committee
NTSP	National Telecommunications Support Plan; Navy training systems plan
NTTC	naval technical training center
NTTL	Navy Tactical Task List
NTTP	Navy tactics, techniques, and procedures
NUBA	next-generation underwater breathing apparatus
nuc	nuclear
NUCINT	nuclear intelligence

NUDET	nuclear detonation
NUFEA	Navy-unique fleet-essential aircraft; Navy-unique fleet-essential airlift
NUMI	Naval Undersea Medical Institute
NUWC	Naval Undersea Warfare Center (formerly NUSC - Naval Underwater Systems Center)
NUWC DIVNPT	Naval Undersea Warfare Center, Division Newport (Newport, RI)
NUWEDS	nuclear weapons emergency destruct system
NVD	night vision device
NVG	night vision goggle; night vision goggles
NVIS	near vertical incident sky wave
NVLNO	Navy Liaison Office
NVP	night vision periscope
NVPZ	naval vessel protection zone
NVS	night vision sight; night vision system
NW	nuclear warfare
NWAI	nuclear weapons acceptance inspection
NWAS	naval warfare assessment station
NWAT	nuclear weapons assist team
NWCF	Navy working capital fund
NWDC	Navy Warfare Development Command
NWDCC	Navy Worldwide Military Command and Control System Data Control Center
NWEL	Navy Warfare Electronic Library
NWL	Navy Warfare Library
NWP	Navy warfare publication
NWPL	Naval Warfare Publications Library
NWS	National Weather Service; nuclear weapons security
NWTDB	naval warfare tactical database
NWTI	nuclear weapons technical inspection
NWTP	Navy Warfare Training Plan

NTRP 1-02

NZAID	New Zealand Agency for International Development
O	contour pattern; opening; organizational
O&C	operations and control
O&M	operation and maintenance
O&MN	operations and maintenance, Navy (funding)
O-Day	offload day (USMC = O-day)
O/S	own ship
OA	object avoidance; oceanography afloat; operating assembly; operating authority; operational area; ordnance assessment; out of action
OA/LCM	Ordnance Acquisition and Life Cycle Management
OAAW	offensive antiair warfare
OAC	optimum approach course
OADR	originating agency's determination required
OAF	Operation ALLIED FORCE
OAG	operational advisory group
OAKOC	observation and fields of fire, avenues of approach, key and decisive terrain, obstacles, and cover and concealment
OAMCM	organic airborne mine countermeasures
OAML	Oceanographic and Atmospheric Master Library
OAP	off-axis penalty; offset aimpoint
OAS	obstacle avoidance sonar; offensive air support; Organization of American States
OASIS	Organic Airborne and Surface Influence Sweep
OAT	optional application tape
OB	order of battle (also see OOB and ORBAT)
OB-GYN	obstetrics-gynecology
OB/GYN	obstetrics/gynecology
OBA	oxygen breathing apparatus
OBC	optical bar camera
OBM	outboard motor

OBP	Office of Border Patrol; onboard processing (system); onboard processor
OBS	onboard system
OBT	onboard trainer
OC	oleoresin capsicum (active ingredient in pepper spray)
OCA	offensive counterair; operational command authority; operational control authority; original classification authority
OCC	operator control console
OCCA	Ocean Cargo Clearance Authority
OCD	ordnance clearance detachment
OCDETF	organized crime drug enforcement task force
OCE	officer conducting the exercise
OCIE	organizational clothing individual equipment
OCOKA	observation (and fields of fire), cover and concealment, obstacles, key terrain, and avenues of approach
OCONUS	outside the continental United States
OCP	operation and casualty procedure; operational command post; operational computer program; operator control panel
OCR	operational change request
OCSOT	overall combat system operability test
OCU	offload control unit; operator control unit
OCUA	outer clothing undressing area
OD	optical density; ordnance; ordnance document
ODA	operational detachment-Alpha
ODB	onboard database
ODF	Operation DESERT FOX
ODN	own-ship Doppler nullification
ODO	operations duty officer
ODR	observed detection range; operational dental readiness
ODS	ozone-depleting substance

ODS/DS	Operation DESERT SHIELD/DESERT STORM
ODT	omnidirectional transmission
ODVR	officer distribution and verification report
ODZ	outer defense zone
OE	operational environment
OEAS	organization for embarkation and assignment to shipping
OEESCM	Operational and Environmental Executive Steering Committee for Munitions
OEF	Operation ENDURING FREEDOM
OEG	operational exposure guide
OEH	occupational and environmental health
OEHS	occupational and environmental health surveillance
OEHSA	occupational and environmental health site assessment
OEI	one engine inoperative
OEL	organizational equipment list
OEM	original equipment manufacturer
OES	office of emergency services
OESO	Ordnance Environmental Support Office
OF	optional form
OF-13	Navy occupational field-13 (Seabee ratings)
OFD	operational fires directorate (USA)
OFDA	Office of United States Foreign Disaster Assistance (USAID)
OFE	Optical Fabrication Enterprise; order for engagement
OFM	own-force monitoring
OFMLS	operational forces medical liaison service
OFOM	ordnance figure of merit
OFP	operational flight program
OFS	operational flight software
OG	operational guide

OGA	other government agency
OGB	optimized gun barrel
OGC	Office of the General Counsel
OH	occupational health; operational handbook (USMC)
OHASIS	Overseas Humanitarian Assistance Shared Information System
OHDACA	Overseas Humanitarian, Disaster, and Civic Aid
OHF	overhead fire
OHO	ordnance handling officer
OHP	overhead protection
OHSU	operational health support unit
OI	operator interface
OIC	officer in charge
OICC	officer in charge of construction
OIDT	operator interactive display terminal
OIF	Operation IRAQI FREEDOM
OIR	operational intelligence requirements
OIS	Ordnance Information System (USN)
OIS-MC	Ordnance Information System-Marine Corps
OIS-W	Ordnance Information System-Wholesale
OJAG	Office of the Judge Advocate General
OJC	Operation JUST CAUSE
OJCS	Office of the Joint Chiefs of Staff
OJT	on-the-job training
OL	online; overlapped
OLC	operational level of command
OLS	online survey
OLSS	operational logistics support summary
OLW	operational level of war

OM	contour multiunit; operations modules
OMC	one-man control; optimum moisture content
OMCM	organic mine countermeasures
OMEMS	Ordnance Munitions and Electronic Maintenance School (USA)
OMFTS	operational maneuver from the sea
OMI	operations and maintenance instruction
OMMS	organizational maintenance management system
OMMS-NG	organizational maintenance management system-next generation (USN)
OMMS-RT	organizational maintenance management system-real time
omni	omnidirectional
OMSI	Operation and Maintenance Support Information
ONC	operational navigation chart
ONE	Operation NOBLE EAGLE
ONI	Office of Naval Intelligence
ONR	Office of Naval Research
ONWC	Office of the Chief of Naval Operations Nuclear Weapons Council
OO	operational objective; operations officer
OOA	out of area
OOB	order of battle (also see OB and ORBAT)
OOD	officer of the deck
OODA	observe, orient, decide, act
OOK	on-off keyed
OOS	out of service
OP	observation point; observation position; observation post; opening; operating; operating procedures; operational; operational procedure; operational program; operational publication (USN); ordnance publication; other procurement; overpressure charge
op	operation; operative; operator
OP3	overt peacetime psychological operations program
OPA	isopropylamine and isopropyl alcohol; oropharyngeal airway

OPAREA	operating area
OPBAT	Operation Bahamas, Turks, and Caicos
OPCEN	operations center (USCG)
OPCOM	operational command (NATO)
OPCON	operational control
OPD	officer professional development
OPDAT	operational data
OPDEC	operational deception
OPDEPTH	operating depth
OPDS	offshore petroleum discharge system (USN)
OPE	operational preparation of the environment
OPELINT	operational electronic intelligence
OPEVAL	operational evaluation
OPFOR	opposing force; opposition force
OPGEN	general operations message; operation general matter; operational general (message)
OPINTEL	operational intelligence
OPL	Operation PROMOTE LIBERTY
OPLAN	operation plan
OPLANS	See OPLAN (operation plan). (operational plans)
OPLAT	oil platform
OPN	open ocean; other procurement, Navy
OPNAV	Office of the Chief of Naval Operations
OPNAVINST	Chief of Naval Operations instruction
OPNOTE	operational note
OPORD	operation order
OPP	offload preparation party
OPPE	operational propulsion plant examination
OPR	office of primary responsibility; operator

NTRP 1-02

OPREP	operational report
OPREP-3	operational report
OPS	operations; operations officer; operations summary
OPS normal	operations normal
OPSEC	operations security
OPSKED	operational schedule
OPSO	operations officer
OPSTAT	operational status (message)
OPSUM	operation summary
opt	optical
OPT	operational planning team
OPTAR	operating target
OPTASK	operation task; operational tasking (message)
OPTASK AIR	operation task air
OPTASK AMPHIB	operational tasking amphibious
OPTASK COMM	operational tasking communication
OPTASKCHAT	operation task chat
OPTASKLINK	operations task link
OPTEMPO	operating tempo
OPTEVFOR	Operational Test and Evaluation Force
OPTINT	optical intelligence
OPZONE	operation zone
OR	operating room; orifice
ORBAT	order of battle (also see OB and OOB)
ORCON	originator controlled
ord	ordinate
ORD	Operational Requirements Document; ordnance
ORDALT	ordnance alteration

ORE	operational readiness evaluation
ORF	official representation fund; official representation funds
ORI	operational readiness inspection
ORM	operational risk management
ORP	objective rally point
ORS	offensive radar set; offensive radar system
ORSE	operational reactor safeguard exam
ORT	operational readiness test; optical relay tube
ORTS	operational readiness test system
OS	contour single-unit; operating system; operational specification; operations specialist (USN rating)
OSA	operational support aircraft; operational support airlift; Overseas Contingency Operations Support Assignment
OSC	on-scene commander; operation summary console; operational stress control; optical sensor converter
OSCAR	Operational Stress Control and Readiness; operations security collaboration architecture
OSD	Office of the Secretary of Defense
OSDA	own-ship display assistant
OSE	officer scheduling the exercise
OSG	operational support group
OSH	own-ship's heading
OSHA	Occupational Safety and Health Act of 1970; Occupational Safety and Health Administration
OSI	open system interconnection; operating space item
OSIMS	operating space items management system
OSINT	open-source intelligence
OSM	other sensitive material
OSMOSS	own ship motion simulation system
OSOCC	on-site operations coordination center
OSOR	(NATO) operational standoff range

NTRP 1-02

OSP	ocean surveillance product; operational support package
OSRVT	one system remote video transceiver
OSS	optical sight system; optical sighting system; own-ship speed
OSSC	(NATO) on-scene surveillance coordinator
OST	operational support team
OSU	operational support unit
OSV	offshore support vessel
OT	observer-target; occupational therapy; oil tight
OT&E	operational test and evaluation
OTAR	over-the-air rekey
OTAT	over-the-air transmission
OTB	observer target bearing; over-the-beach
OTC	officer in tactical command
OTCIXS	Officer in Tactical Command Information Exchange Subsystem; Officer in Tactical Command Information Exchange System
OTE	operational threat environment
OTERA	organize, train, equip, rebuild, and advise
OTG	operational tactics guide; operations and tactics guide; over-the-horizon targeting GOLD (message format)
OTH	over the horizon
OTH-DC&T	over-the-horizon detection, classification, and targeting
OTHT	over-the-horizon targeting
OTL	observer-target line; operational test launch
OTO	operator-to-operator
OTP	one-time pad
OTPI	on-top position indicator
OTS	over the side (torpedo engagement)
OTSR	optimum track ship routing
OTST	over-the-side torpedo

OUB	offshore petroleum discharge system utility boat
OUUSD(P)	Office of the Under Secretary of Defense (Policy)
OVBD	overboard
OVLY 2	overlay 2 (message format)
OVM	on-vehicle material
OWOCS	open water oil containment and recovery system
OWS	oil water separator; operator workstation
OWT	oily waste transfer
P	parallel pattern; personnel; priority; proximity
P&D	potency and dated
P&E	plan and estimate
P-3	Orion (patrol aircraft)
P/C	pleasure craft
P/M/C	passengers/mail/cargo
P/N	part number
P/S	port/starboard
Pa	probability of acquisition; probability of arrival
PA	periscope assistant; physician assistant; pitch angle; position area; prairie air; pressure altitude; public address; public affairs; public announcing; pulse amplitude
Pac	Pacific
PAC	pilot at controls; preaction calibration
PAC-2	Patriot Advanced Capability - 2
PAC-3	Patriot Advanced Capability-3
PACAF	Pacific Air Forces
PACAREA	Pacific area
PACE	primary, alternate, contingency, and emergency (plan)
PACNORWEST	Pacific Northwest
Pacq	probability of acquisition (also see Pa)

NTRP 1-02

PACU	post-anesthesia care unit
PAD	positional adjustment; propellant-actuated device
PADD	person authorized to direct disposition of human remains
PAEC	passenger antiexposure coverall
PAESS	passenger antiexposure survival system
PAFS	passive acoustic functional segment
PAG	public affairs guidance
PAH	platoon area hazard
PAHO	Pan American Health Organization (WHO)
PALCON	pallet container
PALS	precision approach landing system
PALT	procurement administrative lead time
pam	pamphlet
PAM	performance analysis module; precision attack missile; prevention and aerospace medicine; pulse amplitude modulation
PAN	panoramic
PAO	public affairs office; public affairs officer
PAPI	precision approach path indicator
PAPL	passive acoustic propagation loss
PAPR	powered air-purifying respirator
PAR	population at risk; precision approach radar
para	paragraph
PASGT	personnel armor system, ground troops
PASSEX	passing exercise
PAT	passive angle track; passive angle tracking; proficiency aptitude testing; pulse amplitude tracking
PATCOM	patrol commander (USCG)
PAVG	average output power
PAX	passengers

PB	patrol boat; playback; prebriefed
PBA	predictive battlespace awareness
PBB	passive broadband
PBFT	planning board for training
PBI	push-button indicator
PBL	patrol boat, light
PBNZ	precise bathymetric navigation zone
PBR	patrol boat, riverine
PBRT	priority band recycle time
PBUSE	Property Book Unit Supply Enhanced
PBX	plastic-bonded explosive; private branch exchange
PC	coastal patrol craft; patrol coastal (ship); patrol craft; personal computer; plot coordinator; postal clerk (USN rating); primary controller
PC-IMAT	personal computer-interactive multisensor analysis trainer; personal computer-interactive multisensor analysis training
PCA	Posse Comitatus Act
PCC	polarity coincidence correlation; precombat check; primary channel controller
PCF	patrol coastal, fast
PCHAT	persistent chat
PCI	precombat inspection
PCM	pulse code modulation; pulse coded modulation
PCMCIA	Personal Computer Memory Card International Association
PCMDS	Personal Computer Mission Distribution System
PCMS	passive countermeasures system
PCN	pavement classification number; publication code number; publication control number
PCNAV	personal computer navigation
PCO	primary control officer; procuring contracting officer
PCP	penetration control point
PCR	polymerase chain reaction

PCS	permanent change of station; platform configuration service; portable control station; position, course, and speed; primary control ship
PCU	pedestal control unit; power control unit; power converter unit; protective combat uniform
PCV	pressure control valve
PCW	pulsed continuous wave
PCWS	primary control workstation
Pd	probability of damage; probability of destruction; probability of detection
PD	pending; periscope depth; point detonating (fuze); priority designator; product director; program directive; propulsion diesel; pulsation damper; pulse Doppler; pulse duration
PDA	periscope depth attack; personal digital assistant; preliminary damage assessment
PDB	postdeployment build
PDC	practice depth charge
PDD	Presidential decision directive
PDDG	producer designator digraph
PDF	portable document format (Adobe Acrobat)
PDL	pass down log
PDM	pull-down menu; pulse duration modulation
PDOP	position dilution of precision
PDPC	postdetection pulse compression
PDR	periscope depth range; precision data recorder; predicted detection range; pulse Doppler radar
PDS	passive detection system; patient decontamination site; processor display system; pulse Doppler search
PDSS	predeployment site survey
PDT	processed directional transmission; pulse Doppler tracking
PDU	power distribution unit
PDW	pulse description word; pulse descriptive word
PDWC	point defense weapons console
PE	parabolic equation; personal effects; preparation of the environment; professional engineer; protective entrance

Pe	probability of effect
PEB	Propulsion Examining Board
PECK	patient evacuation contingency kit
PECU	portable exothermic cutting unit
PED	processing, exploitation, and dissemination
PEETE	portable electrical (electronic) test equipment requirements list
PEI	principal end item
PEL	permissible exposure limit; prioritized effects list
PEM	priority engage missile; program element monitor
PEND	pending
PEO	patient evacuation officer (USMC); peace enforcement operations; program executive office; program executive officer
PEO Ammo	Program Executive Office, Ammunition
PEO Carriers	Program Executive Office, Carriers
PEO EXW	Program Executive Office, Expeditionary Warfare
PEO JSF	Program Executive Office, Joint Strike Fighter
PEO MUW	Program Executive Office, Mine and Undersea Warfare
PEO Ships	Program Executive Office, Ships
PEO SUB	Program Executive Office, Submarines
PEO TSC	Program Executive Office, Theater Surface Combatants
PEO(A)	Program Executive Office, Air Antisubmarine warfare, Assault and Special Mission Programs
PEO(T)	Program Executive Office, Tactical Aircraft Programs
PEO(U&W)	Program Executive Office, Unmanned Aviation and Strike Weapons
PEP	personnel exchange program
PEPFAR	President's Emergency Plan for Acquired Immune Deficiency Syndrome Relief
PEQ	preengagement queue
PERE	person eligible to receive effects
PeriVU	periscope video upgrade

PERMA	planning, embarkation, rehearsal, movement, and action
PES	potential explosive site
PEST	personnel, equipment, supply, and training
PESTO	personnel, equipment, supply, training, and ordnance (collective term for resources assessed in readiness reporting)
PESTOF	personnel, equipment, supply, training, ordnance, and facilities
PET	patient evacuation team
PEZ	Patriot engagement zone
PFA	physical fitness assessment; psychological first aid
PFD	personal flotation device
PFE	post-fire evaluation
PFED	pocket-sized forward entry device (USA system)
PFHE	prefragmented high explosive
PFID	positive friendly identification
PFLU	Pulsed Forward-Looking Upgrade (USN)
PFM	pulse frequency modulation
PFO	postal finance officer; principal federal official
PFOM	personnel figure of merit
PfP	Partnership for Peace
PFPS	portable flight planning system
PFS	preprocessor flight software
PG	patrol combatant; patrol gunboat; planning group; pulse group
PGG	pulse group generation
PGM	precision-guided munition
PGU	precision guidance unit
Ph	probability of hit
PHEIC	public health emergency of international concern
PHEO	public health emergency officer

PHEP	public health emergency preparedness
PHIBCB	amphibious construction battalion
PHIBGRU	amphibious group
PHIBLEX	amphibious landing exercise
PHIBOP	amphibious operation
PHIBRON	amphibious squadron
PHID	positive hostile identification
PHITAR	predesignated high-interest tactical area
PHM	guided-missile patrol combatant (hydrofoil); personal hazard monitor
PHOTINT	photographic intelligence
PHS	(controllable pitch) propeller hydraulic system; Public Health Service
PHS&T	packing, handling, storage, and transportation (also see PHST)
PHSRU	parachute harness sensing release unit
PHST	packaging, handling, storage, and transportability (also see PHS&T)
Pi	probability of impact; probability of incapacitation; probability of intercept
PI	pandemic influenza; physically incapacitated; point of impact
PIA	postindependent analysis
PIAT	public information assist team
PIC	pilot in command; prior informed consent; provincial Iraqi control
PIC	provincial Iraqi control
PICA	Primary Inventory Control Activity
PICT	programmable integrated communication terminal
PID	personnel injury/death; plan identification number; positive identification
PIF	personal identification feature; positive identification feature; pseudo identification feature
PIM	passive initialization maneuver; performance information memorandum; position of intended movement
PIN	personnel increment number; platform identification number
PINN	pinnacle (message)

PINS	precise integrated navigation system
PIP	predicted impact point; predicted intercept point; projected intercept point
PIR	priority intelligence requirement
PIU	patient isolation unit
PIVA	port integrated vulnerability assessment
PIW	person in water
PJ	pararescue jumper
Pk	probability of kill
PK	peacekeeping; position-keeping
PKB	purple kill box
PKG-POL	packaged petroleum, oils, and lubricants
PKI	public key infrastructure
PKO	peacekeeping operations
PKP	potassium bicarbonate powder (formerly purple-k powder)
PL	patrol leader; phase line; plumbing; pressure lock; public law; pulse length
PLA	plain language address
PLAD	plain language address directory
PLAN	People's Liberation Army Navy
PLANORD	planning order
PLAT	pilot's landing aid television
PLC	party-line capability
PLE	post-launch execution
PLGR	precise lightweight Global Positioning System receiver
PLHA	preliminary hazard assessment
PLI	position location information
PLL	product line leader
PLO	patrol leader's order; propulsion lubricating oil
PLOP	plain language online processing

PLP	planned launch point; preferred launch position
PLRS	position location reporting system
PLS	personal locator system; personnel locator system; prelaunch survivability; pilot locator system
PLT	platoon (USMC = Plt)
PM	parallel track multiunit; passive mode; perception management; performance monitoring; phase modulation; planned maintenance; precision marksman; preventative maintenance; preventative medicine; preventive maintenance; preventive medicine; program manager
PM/FL	performance monitoring/fault localization
PMA	postmission analysis; prairie masker air
PMC	parallel multiunit circle
PMCS	partial mission-capable, supply; preventative maintenance, checks, and services; preventive maintenance checks and services
PMCT	port movement control team
PMD	portable maintenance device
PME	peacetime military engagement; professional military education
PMESII	political, military, economic, social, information, and infrastructure
PMESII-PT	political, military, economic, social, information, infrastructure, physical environment, and time
PMI	passive mode inhibit; patient movement item; planned maintenance interval; prevention of mutual interference
PML	personal marker light
PMM	preventive medicine measure
PMN	parallel track multiunit non-return
PMO	preventive medicine officer; program management office; provost marshal office
PMOR	process measures of readiness system
PMOS	primary military occupational specialty
PMPA	pinacolyl methylphosphonic acid
PMPT	Paveway Munition Planning Tool
PMR	parallel track multiunit return; patient movement request; planned maintenance requirement; postmission report

PMRC	patient movement requirements center
PMS	planned maintenance system; preventive maintenance system; program manager, ships
PMT	photomultiplier tube; preventive medicine technician
PMU	parameter measurement unit
PMW	passive microwave; Program Management Warfare
PN	part number; partner nation
PNAC	pilot not at controls
PNB	passive narrowband
PNC	Professional Naval Chaplaincy
PNS	precise navigation system
pnt	patient
PO	patrol officer; peace operations
POA&M	plan of action and milestones
POAT	psychological operations assessment team
POB	persons onboard
POC	platoon operations center; point of contact
POD	point of departure; point of distribution; port of debarkation; print on demand
POE	planned operational environment; point of embarkation; point of entry; port of embarkation; presence of enemy; projected operational environment
POEMS	periodic occupational and environmental monitoring summary
POF	point of fire
POFA	programmed operational functional appraisal
POGS	portable oxygen generation system
POI	point of impact; point of initiation; point of interest; program of instruction
POIC	petty officer in charge
POL	petroleum, oils, and lubricants
POLAD	political advisor
POLMIL	political-military

POM	pre-overseas movement; preparation for overseas movement; program objective memorandum
POMCERT	pre-overseas movement certification
POMCUS	pre-positioning of materiel configured to unit sets
POMI	plans operations military intelligence; plans, operations, and medical intelligence
POMSO	Plans, Operations, and Military Support Office(r) (NG)
POO	point of origin
POP	point of presence
POQC	Psychological Operations Officer Qualification Course
POR	preparation of replacements for overseas movement; program of record
PORTSCOM	portable secure communications
pos	position
POS	peacetime operating stocks
POSD	port operations, security, and defense
POSREP	position report
POSSUB	possible submarine
POST	prototype ocean surveillance terminal
POTS	plain old telephone system
POTUS	President of the United States
POV	privately owned vehicle
POW	prisoner of war
PP	preplanned; pulse processor
PP&O	Plans, Policies, and Operations (HQMC)
PP&P	packing, packaging, and preservation
PPA	principal planning agent
PPBE	Planning, Programming, Budgeting, and Execution
PPBES	Planning, Programming, Budgeting, and Execution System (DOD)
PPBS	Planning, Programming, and Budgeting System

NTRP 1-02

PPC	power projection cell
PPD	program planning document
PPDB	point positioning database
PPE	personal protective equipment
PPI	plan position indicator
PPLI	precise participant location and identification
PPM	pulse position modulation
PPP	point-to-point protocol
PPR	preplanned response
PPS	postprocessing system; precise positioning system; processor power supply; pulses per second
PPW	patient protective wrap
PQS	personnel qualification standards
PR	aircrew survival equipmentman (USN rating); personnel recovery; program review
PR&C	purchase request and commitment
Pra	probability of raid annihilation
PRA	primary review authority
PRBC	packed red blood cells
PRC	populace and resources control; port readiness committee; Presidential Reserve Call-up
PRCC	personnel recovery coordination cell
PRD	projected rotation date
PRE-EX	pre-exercise
PRECOM	preliminary communications search
PREPO	pre-positioned force, equipment, or supplies
PRETECHREP	preliminary technical report
PRI	(NATO) prevention of interference
pri	primary; priority
PRI AMP	primary amplification

PRI DET	primary detection
PRI ID AMP	primary identification amplification
PRI-PBB	primary passive broadband
PRIDU	primary duty (USN)
PRIFLY	primary flight control
PRIME	plastics removal in the marine environment
Prime BEEF	Prime Base Engineer Emergency Force
PRISM	Planning Tool for Resource Integration, Synchronization, and Management
PRL	publication requirements list
PRMAR	primary mission area
PRMS	personnel and readiness management system
PRN	pseudorandom noise
PRO	plotting room officer; projection readout; propulsion control
PROBSUB	probable submarine
PRODEV	professional development (cycle)
PROPHET	propagation assessment forecasting system
proploss	propagation loss
PROPMAN	Rockwell Collins Propagation Software ©
proword	procedure word
PRP	personnel reliability program; preliminary release point
PRR	pulse repetition rate
PRT	pulse repetition time
PRTS	precedence request time slots
PS	parallel track single-unit; passing scuttle; personnel specialist (USN rating); physical security; port security; pressure switch
Ps	specific excess power (pronounced “P sub S”) (US Navy aviation)
PSA	personnel support activity; post shakedown availability (USN)
PSB-T	port security barrier type T

PSBRT	portable satellite broadcast receive terminal
PSC	personnel services company; port security company; portable satellite communications; principal subordinate command; private sector care
PSD	passive sonar display; personal security detachment; personnel security detail; personnel support detachment; planning systems division; projectile seating distance
PSDG	projectile seating distance gauge
PSE	peculiar support equipment
PSHDGRU	port security and harbor defense group
PSI	Proliferation Security Initiative
PSICP	program support inventory control point
PSK	phase-shift keyed
PSLT	pressurized sonobuoy launch tube
PSOR	planned standoff range
PSP	portable sensor platform
PSPC	passive sonobuoy pattern computation; personnel support company
PSR	predicted sonar range; propeller shaft rate
PSRC	Presidential Selective Reserve Call-Up
PSS-SOF	Precision Strike Suite for Special Operations Forces
PST	precision-strike Tomahawk; primary search tonal
PSTN	public switched telephone network
PSTS	precision signals intelligence targeting system
PSU	peripheral switching unit; port security unit; power supply unit
PT	patrol boat; patrol torpedo boat; physical therapist; plain text (nonsecure); pressure transmitter
PTC	power temperature control
PTDO	prepare to deploy order
PTDS	post-tune-drift-stabilization
PTE	potentially traumatizing event
PTF	patrol torpedo, fast (naval attack craft)

PTG	guided-missile patrol craft
PTI	Phalanx thermal imager
PTL	primary target line; prioritized target list
PTM	personnel transport module
PTO	power takeoff
PTP	plain text processor; point-to-point; Porton Technical Paper
PTSD	posttraumatic stress disorder
PTT	prepare-to-transmit; push-to-talk
PTW	precision targeting workstation
PU	participating unit; programming unit
PUC	person under control
PUCR	programmable underwater communications receiver
PUK	packup kit
PUM	proper use memorandum
PUMA	precision underwater mapping
PV	petroleum, oils, and lubricants vehicle; plain view; prime vendor; pursuit vessel
PVAB	portable vehicle arresting barrier
PVCS	protected voice communication systems
PVNTMED	preventive medicine (also see PM)
PVO	private volunteer organization
PVR	port visit report; pump vane rate
PVST	port visit
PVT	private (USA)
PW	Paveway; potable water; public works
PWA	printed wiring assembly
PWC	personal watercraft; principal warfare commander (in USN, replaced by warfare commander (WC))
PWCS	ports, waterways, and coastal security (USCG)

NTRP 1-02

PWD	plumbing waste drain; programmed warhead detonation; public works department
PWO	public works officer
PWR	pressurized water reactor
PWRM	pre-positioned war reserve material
PWRMS	pre-positioned war reserve materiel stock
PWRS	pre-positioned war reserve stock
PX	post exchange
PZ	pickup zone; pressure zone
Q/D	quick disconnect
QA	quality assurance
QAT	quality assurance team
QAWT	quick-acting watertight
QAWTD	quick-acting watertight door
QAWTH	quick-acting watertight hatch
QAWTS	quick-acting watertight scuttle
QC	quality control
QCM	quality control manager
QCMS	quality control monitoring system
QDR	quadrennial defense review; quality deficiency report
QE	quadrant elevation
QF	quality factor
QL	quick launch; quick look
QM	quartermaster (USN rating; USA)
QMCS	quality monitoring control system
QMOW	quartermaster of the watch
QOL	quality of life
QR	quick reaction; quick response
QRC	quick reaction capability; quick reference checklist

QRCC	quick reaction combat capability
QRF	quick reaction force; quick response force
QRG	quick reference guide
QRSA	quick reaction satellite antenna
QRT	quick reaction team
QRU	quick-reaction unitary
QS	quick stop
QSTAG	quadripartite standardization agreement
QT	Quest Temp
qty	quantity
QUADCON	quadruple container
quant	quantity; quantization (parameter)
r	radius; range; roentgen (unit of radiation exposure)
R&A	rescue and assistance
R&D	research and development
R&R	rest and recuperation
R&S	reconnaissance and surveillance
R-3	operations department (Seabee readiness group or naval construction regiment)
R-3A	assistant operations officer (Seabee readiness group or naval construction regiment)
R-3C	operations chief (Seabee readiness group or naval construction regiment)
R-day	redeployment day
R/I SAT	radar/IFF saturation
R/N	reverberation-to-noise ratio (also RNR)
R/O	receive only
R/T	radiotelephone
R2P2	rapid response planning process
R[³]	redeployment, reconstruction, and regeneration
RA	radiological agent; refrigerant-air conditioning; risk assessment

RAAWS	radar altimeter and altitude warning system
RAB	riverine assault boat
RAC	readiness acceptance check; refrigerant-air conditioning; risk assessment code
RACE	rapid automatic cryptographic equipment
RACI	responsible, accountable, consulted, and informed
RACS	remote acoustic communications station
RAD	radar data; required availability date
rad	radiation absorbed dose
RADALT	radar altitude
radar	radio detecting and ranging
RADAY	radio day
RADBN	radio battalion (USMC) (USMC = RadBn)
RADBO	recovery of airbases denied by ordnance
RADC	regional air defense commander
RADCON	radiation control
RADDS	radar display and distribution system
RADHAZ	electromagnetic radiation hazards; radiation hazard
RADIAC	radiation detection, indication, and computation
RADINT	radar intelligence
RADM	rear admiral (upper half) (USN)
RAIDS	rapid antiship missile integrated defense system
RAM	radar-absorbent material; radar-absorbing material; random access memory; random antiterrorism measure; rocket, artillery, and mortar; rolling airframe missile
RAMCC	regional air movement coordination center
RAMICS	Rapid Airborne Mine Clearance System
RAMT	Radiological Advisory Medical Team (U.S. Army, Medical Command)
RAN	Royal Australian Navy
RANGEX	range exercise

RAOC	rear area operations center
RAP	radar absorbing paint; recognized air picture; reliable acoustic path; remedial action program; Remedial Action Projects Program (JCS); remote ahead profiling; rocket-assisted projectile
RAPCON	radar approach control
RAPID	ruggedized advanced pathogen identification device
RAS	radar absorbent structure; radar absorbing structure; regimental aid station; replenishment at sea; reprogramming at sea
RASCAR	rasterscan collision avoidance radar
RASP	remote access security program
RASS	random access storage set
RAST	recovery assistance, securing, and traversing systems
RAT	record as target; remote access terminal
RATCF	radar air traffic control facility (FAA)
RATO	rocket-assisted takeoff
RATT	radio teletype
RAU	reserve augment unit
RAW	rear axle weight; reconnaissance attack wing (USN)
RAYCAS	Raytheon collision avoidance system
RB-S	response boat-small
RBC	reachback cell; red blood cell
RBE	random bearing error; relative biological effectiveness; remain-behind equipment
RBL	range and bearing launch
RBOC	rapid-blooming offboard chaff
RBR	refracted bottom reflected
RBS	radar bomb site; radar bombsight; readiness based sparing
RC	regional commander; remote control; repair coordinator; reprogramming center; Reserve Component; resident coordinator (UN); riot control; river current
RCA	riot control agent
RCAPS	Remote Consolidated Aerial Port System

NTRP 1-02

RCB	riverine command boat
RCC	radar control computer; regional combatant commander; rescue coordination center; reversing converter coupling
RCCOW	return channel control orderwire
RCCP	radar control computer program
RCEM	regional contingency engineering management
RCI	remote control indicator
RCIED	radio-controlled improvised explosive device
RCO	radar control officer; radar control operator; range control officer; readiness control officer
RCP	reactor coolant pump; remote control panel
RCPO	remote control panel operator
RCRA	Resource Conservation and Recovery Act (of 1976)
RCRP	Readiness and Cost Reporting Program
RCS	radar cross section; refrigerant-cargo stores; remote control station; requirement control symbol
RCT	regimental combat team; rescue coordination team (USN)
RCU	radar camouflage unit; remote control unit
RCV	receiver; remote control valve
RCVR	receiver
RDA	research, development, and acquisition
RDCFP	Regional Defense Counterterrorism Fellowship Program
RDD	radiological dispersal device; required delivery date
RDDL	radar designated decoy launch
RDF	radio direction finder; radio direction finding
RDG	random data generator
RDIL	radar detection, identification, and location (subsystem)
RDL	reference datum line
RDM	remote display monitor
RDML	rear admiral (lower half) (USN)

RDP	radar data processor; radar display processor; radio data port
RDR	radar; relative dead reckoning
RDSP	rapid decision-making and synchronization process
RDT	rotating directional transmission; rotational directional transmission
RDT&E	research, development, test, and evaluation
RDU	remote display unit
RDV	rendezvous
RDX	rapid detonating explosive
RE	Radiant Ether; relative effectiveness; relative efficiency; reserve feed
REAC/TS	radiation emergency assistance center/training site (DOE)
REACQ	reacquisition
REC	radio electronic combat; regional environmental coordinator
recce	reconnaissance
RECCEXREP	reconnaissance exploitation report
recon	reconnaissance
RECON	reconfiguration
RECSAT	reconnaissance satellite
RECSATSUM	reconnaissance satellite summary
RED	risk-estimate distance
RED HORSE	Rapid Engineer Deployable Heavy Operational Repair Squadron Engineer
REDCOM	Navy Reserve readiness command
REDCON	readiness condition
ref	reference
REL	recommended exposure limit; relative; releasable
RELNAV	relative navigation
REMBASS	remotely monitored battlefield sensor system
REMRO	remote radar operator
REMUS	remote environmental monitoring unit system

req	required (also see reqd.)
RERT	radiological Emergency Response Team
RES	resolution
RESCAP	rescue combat air patrol
RESCORT	rescue escort
RESEAD	rescue suppression of enemy air defenses
RESP	Remote Expeditionary Support Package
RESPORG	responsible organization
rev	reverse; revolution
RF	radio frequency; rapid fire; received frequency; reserve force; Rossiyskaya Federatsiya (Russian Federation)
RF CM	radio frequency countermeasures
RF-CC	radio frequency connected command center
RFA	radio frequency assembly; request for assistance; restricted fire area; restrictive fire area
RFC	request for capabilities
RFD	request for deviation
RFDU	radio frequency distribution unit
RFF	request for forces
RFI	radio frequency interference; radar frequency interferometer; ready for issue; request for information
RFID	radio frequency identification
RFL	restrictive fire line
RFM	radio frequency monitor; ready for mobilization
RFMP	radio frequency mission planning
RFMU	radio-frequency memory unit
RFOC	rapid follow-on clearance
RFOM	relative figure of merit
RFP	request for proposal
RFS	ready for sea; request for support

RFT	ready for tasking; red force tracker
RG	main reduction gear; radio relay group
RGES	running gear entanglement system
RGL	receive guard list
RGPO	range gate pull-off
RGR	rapid ground refueling
rgt	regiment
Rh	Rhesus factor
RHA	rolled homogeneous armor
RHAW	radar homing and warning
RHI	radar height indicator; range height indicator
RHIB	rigid-hull inflatable boat
RHL	right hand lay
RHO	radiation health officer
RIB	rigid inflatable boat; rubberized inflatable boat
RIC	regional investigations coordinator
RICER	radar; identification, friend or foe; and combat information center equipment room
RICO	regional interface control officer
RIK	rations in kind
RIM	reprogramming impact message
RIMS	records information management system
RINT	unintentional radiation intelligence
RIO	radar intercept officer
RIP	relief in place; roll-in point
RIP/TOA	relief in place/transfer of authority
RIS	rail interface system (accessory mount on guns)
RIT	rapid imagery transmission
RIU	remote indicator unit; remote interface unit

NTRP 1-02

RIVGRU	riverine group
RIVGRU1	Riverine Group One
RIVRON	riverine squadron
RJ	Rivet Joint (RC-135 aircraft)
Rk	bedrock
RL	readiness level; reverberation limited
RLEP	remote launch enable panel
RLG	ring laser gyro
RLGN	ring laser gyro navigator
RLI	right-left indicator
RLN	requirement line number
RLOS	main reduction gear lubricating oil service
RLST	reconstitution liaison support team; remote landing site tower
RLT	regimental landing team
RM	reconfiguration management; religious ministry
RMA	rocket motor assembly
Rmax	maximum radar detection range
RMB	right mouse button
RMC	regional maintenance center; regional medical command; rescue mission commander
RME	rapid medical evaluation
RMFS	remote minehunting functional segment
Rmin	minimum slant range
RMIO	riverine maritime interception operations
RMKS	remarks
RMOW	radioman of the watch
RMP	recognized maritime picture; religious ministry professional; reprogrammable microprocessor; risk management program
RMS	religious ministry support; Remote Minehunting System

RMT	religious ministry team
RMV	remote minehunting vehicle
RMWS	ramp-mounted weapon system
RNA	regulated navigational area
RNCR	reserve naval construction regiment
RNCS	(NATO) regional naval control of shipping
rnd	round
RNG	range
RNR	reverberation-to-noise ratio (also see R/N)
RNS	radar navigation set
RO	radar officer; range only; religious organization; room owner; run out
RO/RO	roll-on/roll-off
ROA	remotely operated aircraft; restricted operations area; right of approach
ROC	reconnaissance operations center; reduced operational capability; regional operations center; remote operations console; required operational capability
ROD	range of the day; rate of detonation; rate of detoxification
ROE	rules of engagement
ROEX	rules of engagement exercise
ROF	rate of fire; religious offering fund
ROH	rear overhang; regular overhaul; restricted overhaul
ROI	report of investigation; rules of interaction
ROICC	resident officer in charge of construction
ROKAF	Republic of Korea Air Force
ROM	read-only memory; resale operations management; restriction of movement
ROMO	range of military operations
RON	remain overnight
ROP	remote operator panel
RORS	rapid ordnance removal system

NTRP 1-02

RORSAT	radar ocean reconnaissance satellite
ROS	reduced operating status; remote optical sight
ROS-5	five-day reduced operational status
ROT	rule of thumb
ROTC	Reserve Officer Training Corps
ROTHR	relocatable over-the-horizon backscatter radar (USN)
ROV	remotely operated vehicle
ROVER	remotely operated video enhanced receiver
ROW	rest of world
ROWPU	reverse osmosis water purification unit
ROZ	restricted operations zone
RP	radar processor; rally point; red phosphorus; release point; release point (road); religious program specialist (USN rating); rendezvous point; reported position; retained personnel
RPA	remotely piloted aircraft
RPB	riverine patrol boat
RPC	radar processing control
RPD	radio programming data
RPG	rocket-propelled grenade
RPH	remotely piloted helicopter
RPL	repair party leader; repetitive flight plan
RPM	random pulse modulation; rapid planning mode; repair party manual; reprogrammable microprocessor
RPTS	Rapid Precision Targeting System (USN program at NAWCWD China Lake)
RPV	remotely piloted vehicle
RQ	reception quality
RQMT	requirement
RR	range rate; rapid reload; reattack recommendation; reporting responsibility
RRBT	rapid-response boarding team
RRC	radar resolution cell; regional reporting center; rigid raiding craft

RRCC	regional response coordination center
RRDF	roll-on/roll-off discharge facility
RRDT	random rotational directional transmission
RREMS	refinement, record as target, end of mission, and surveillance (USMC)
RRF	rapid reaction force; Ready Reserve Fleet; Ready Reserve Force
RRG	radio relay group
RRP	rules, regulations, and procedures
RRR	rapid runway repair
RRS	radio relay system; radio remote station; remote receiving station
RRT	rapid response team
RS	radar set; radio set; religious support; rescue swimmer; route survey
RSA	reacquisition search area
RSC	radar set control; radar system controller; rescue subcenter
RSCO	radar set control operator
RSD	remote sensor device
RSEAD	reactive suppression of enemy air defenses
RSEP	Regional Security Education Program
RSI	(NATO) radiation status indicator
RSID	radio set identification
RSIP	radar system improvement program; regional shore infrastructure plan
RSL	ready service locker; restricted strike list
RSM	ready service magazine
RSO	range safety officer; regional security officer
RSOC	regional security operations center; regional signals intelligence operations center
RSOI	reception, staging, onward movement, and integration
RSP	radar signal processing; ready spare; render safe procedure
RSR	radar service request; refracted surface reflected
RSRS	reduced same runway separation

RSS	radar system supervisor; raster scan surveillance; ready supply store; readiness support site; refrigerant-ship stores; root-sum-squared
RSSC	radar-sonar surveillance center
RST	religious support team; reset; resupply trailer
RSTA	reconnaissance, surveillance, and target acquisition
RSTP	regional support troop
RSU	remote status unit
RSupply	relational supply
RSV	reserve; resupply vehicle
RT	real-time; receiver-transmitter; remote terminal; rough terrain
RTB	return to base
RTC	(NATO) reduced tactical communication plan; relative torpedo course
RTCH	rough terrain container handler
RTD	radar track discriminator; return to duty
RTE	run to enable
RTECS	Registry of Toxic Effects of Chemical Substances
RTF	ready to fire; response task force; return to force; rich text format
RTL	radiating transmission line; restricted target list
RTM	radar terrain masking
RTN	received track number; relative threat number; reserve tracking number; return
RTO	radiotelephone operator
RTQ	remote track quality
RTS	real-time subsystem
RTT	rocket-thrown torpedo; round-trip timing
RTV	recreational ticket vehicle; relative threat value
RU	reporting unit
RUF	reserve utilization factor; rules for the use of force
RV	reaction vessel; reentry vehicle; relief valve; rendezvous

RVB	calibrated decibel level
RVF	Rift Valley fever (febrile disease caused by a virus)
RVP	radar video processor
RVT	remote video terminal
RW	rotary wing
RWG	recovery working group
RWI	radio wire interface
RWR	radar warning receiver
RWS	radar warning system; range while search; remote workstation
RX	receive; receiver
S	salinity; scuttle; starboard (nautical); strong (track quality index value)
S&A	safety and arming
S&C	sensors and controls
S&M	scheduling and movement
S&O	systems and operations
S&S	supply and service
S&T	science and technology; scientific and technical
S&TI	scientific and technical intelligence
S-1	personnel officer
S-2	battalion or brigade intelligence staff officer (Army, Marine Corps battalion or regiment); intelligence staff officer
S-3	battalion or brigade operations staff officer (Army; Marine Corps battalion or regiment); operations and training officer; operations officer; operations staff officer
S-4	battalion or brigade logistics staff officer (Army; Marine Corps battalion or regiment); logistics officer; logistics staff officer; supply officer
S-6	communications staff officer
S/A	safe and arm; surface-to-air
S/EWCC	signals intelligence/electronic warfare coordination center
S/J	signal-to-jammer ratio

S/N	signal-to-noise
S/NF	secret/not releasable to foreign nationals
S/P	sound-powered (telephone) (also see SND PWR TEL, SPP, and SPT)
S/S	surface-to-surface (also see S2S and SS)
S/V	sailing vessel
S2S	surface-to-surface (also see S/S and SS)
SA	salvage air; search angle; security assistance; selective availability (GPS); sight angle; situational awareness; solution analysis; special action; spherical array; staging area; stand-alone; starting air; surface-to-air; surveillance area; system administrator
SAA	senior airfield authority; submarine action area
SAALT	size, activity, arms, location, and time
SAAM	special assignment airlift mission
SAAWC	sector antiair warfare commander (USN)
SAB	scientific advisory board (USAF)
SABER	Surface Analysis Branch for Evaluation and Reporting
SAC	scene-of-action commander; school-age care; special accounting code; special alert criteria; supporting arms coordinator
SACC	supporting arms coordination center (USMC)
SACEC	spherical array common electronic cabinet
SACEUR	Supreme Allied Commander, Europe (NATO)
SACLANT	Supreme Allied Command, Atlantic (obsolete)
SACLOS	semiautomatic command to line-of-sight
SACPS	Selected Area Collective Protection System
SACS	secure telephone unit (STU) access control system; sensor accuracy check site
SACSO	security and civil support operations
SAD	submarine anomaly detection; sector air defense; state active duty
SAD C&R	sector air defense coordination and reporting (net)
SADC	sector air defense commander
SADL	situational awareness data link

SADO	senior air defense officer
SAFE	secure analyst file environment; secure-around-flotation-equipped; selected area for evasion
SAFE-CP	selected area for evasion-contact point
SAFWIN	secure Air Force weather information network
SAG	surface action group
SAGC	surface action group commander
SAI	sea-to-air interface; single agency item; surveillance-aided intercept
SAILORD	sail order
SAL	semi-active laser; small arms locker
SAL	signals analysis laboratory
SAL-GP	semiactive laser-guided projectile (USN)
SALMS	single-anchor leg-mooring system
SALT	size, activity, location, time (military report); Strategic Arms Limitation Talks; supporting arms liaison team
SALTS	streamlined automated logistics transmission system
SALUTE	size, activity, location, uniform, time, and equipment; size, activity, location, unit, time, and equipment
SAM	space available mail; surface-to-air missile
SAMHSA	Substance Abuse and Mental Health Services Administration
SAMM	shipboard automated maintenance management
SAMMS	standard automated materiel management system
SANS	ship arrival notification system (USCG)
SAO	security assistance officer; security assistance organization; special activities office
SAOC	sector air operations center
SAOCS	submarine/air optical communications system
SAP	sampling and analysis plan; Select Agent Program; semi-armor piercing; surface attack permit
SAPBB	spherical array passive broadband
SAPHEI-T	semi-armor-piercing high-explosive incendiary-tracer

SAPI	special access program for intelligence
SAPO	subarea petroleum office
SAPR	sexual assault prevention and response
SAPRO	sexual assault prevention and response office
SAR	search and rescue; synthetic aperture radar
SARA	Superfund Amendments and Reauthorization Act
SARC	sexual assault response coordinator
SARDOT	search and rescue point
SARH	semi active radar homing
SARIR	search and rescue incident report
SARMIS	search and rescue management information system
SARREQ	search and rescue request
SARSAT	search and rescue satellite-aided tracking
SARSIT	search and rescue situation summary report
SART	search and rescue radar transponder
SARTEL	search and rescue telephone (private hotline)
SARTIS	shipboard advanced radar target identification system
SARTS	standard air request/tasking sets
SARVIP	survival armor recovery vest, insert, and packets
SAS	sealed authentication system; single audio system
SASC	spherical array signal conditioner
SASO	security and stability operations (USMC); support and stability operations
SASP	single advanced signal processor
SASS	(NATO) surface-to-air in the surface-to-surface mode (note: to be understood as “surface-to-air missile in the surface-to-surface mode” or “SASS missile”)
SASSY	supported activities supply systems
SASWC	sector antisubmarine warfare commander
SAT	security alert team; security assistance team; serial assignment table; submarine advisory team

SAT TDL	satellite tactical data link
SATCAP	satellite capability
SATCOM	satellite communications
SATHICOM	Satellite High Command
SATMO	Security Assistance Training Management Organization
SATMSG	satellite message
SATRAN	satellite reconnaissance advance notice
SATVUL	satellite vulnerability
SAU	safe and arming unit; search attack unit
SAU CDR	search attack unit commander
SAV	strike attack vector
SAVI	sexual assault victim intervention
SAW	squad automatic weapon (USMC)
SB	sideband; special boat; special warfare boat operator (USN rating); surface-bottom
SBA	Service-based architecture; Small Business Administration
SBAB	single-beam all-band
SBCCOM	United States Army Soldier and Biological Chemical Command
SBCT	Stryker brigade combat team
SBD	special boat detachment
SBE	Sea-Bird Electronics, Inc.
SBIRS	space-based infrared system
SBK	status board keeper
SBR	special boat squadron (also see SPECBOATRON)
SBS	surface-bottom-surface (reflected sound path)
SBT	special boat team (USN)
SBTP	special boat troop
SBTP-C	special boat troop-coastal
SBTP-R	special boat troop-riverine

SBU	small boat unit; special boat unit
SBX	sea-based X-band radar (missile defense)
SBX-1	sea-based X-band radar vessel
SC	salinity cell; screen commander; screen coordinator; sea current; search and rescue coordinator; security cooperation; single channel; sound channel; special code; strategic commander; strategic communication; supply corps; support cell; surface combatant
SCA	sound channel axis; space coordinating authority; support to civil administration
SCAC	sea combat air controller
SCADA	supervisory control and data acquisition
SCALP	suit, contamination avoidance and liquid protective
SCAR	strike coordination and reconnaissance
SCARC	strike coordination and reconnaissance coordinator
SCAT	shoreline cleanup assessment team; small-caliber action team
SCAT-MINE	scatterable mine
SCBA	self-contained breathing apparatus
SCC	sea combat commander; sector command center; Service component command; Service component commander; service cryptologic component; ship's control console; shipping coordination center; sonar conditions check; Submarine Command Course; system coordinate center
SCC C&R	sea combat commander coordination and reporting (net)
SCCS	shipboard command and control system
SCCTV	secure closed-circuit television
SCDL	surveillance control data link
SCE	Service cryptologic element
SCG	Security Cooperation Guidance
SCI	San Clemente Island (California); sensitive compartmented information
SCI-ADNS	sensitive compartmented information-automated digital network system
SCICEX	Science Ice Exercise
SCIF	sensitive compartmented information facility
SCIO	Staff counterintelligence officer

SCL	scene centerline; signal collection list; standard combat load; standard conventional load
SCLSI	Ship Configuration and Logistics Support Information
SCLSIS	Ship Configuration and Logistics Support Information System
SCMA	signal descriptor file configuration management authority
SCO	secondary control officer; security cooperation officer; state coordinating officer
SCONUM	ship control number
SCP	ship control panel; shipping control point; (NATO) shipping cooperation point; Standards Completion Program; system control processor
SCPE	simplified collective protection equipment
SCPO	senior chief petty officer (USN, USCG)
SCR	scan rate; self-controlled radar; signal conditioner and receiver
SCS	secondary control ship; submarine control system
SCSI	small computer system interface; small computers system interface
SCT	Secretaría de Comunicaciones y Transportes (Secretary of Communications and Transportation) (Mexico); ship control team; shipping coordination team
SCTG	surface combatant task group
SCU	shaft control unit; ship control unit; signal conditioning unit; swimmer control unit; system control unit
scuba	self-contained underwater breathing apparatus (USMC = SCUBA)
SCW	Seabee combat warfare
SCWS	Seabee combat warfare specialist
SCWS	secondary control workstation
SCZ	smoke control zone
SD	search depth; secondary drainage; secure digital; self-defense; senior director; surface duct; surveillance detection
SD/T	surface detector/tracker
SDB	small diameter bomb
SDC	signal data converter
SDCS	signal data converter storer
SDD	ship data display

SDDC	Surface Deployment and Distribution Command (replaces Military Traffic Management Command (MTMC))
SDF	signal descriptor file
SDIC	surveillance detection information card
SDO	squadron duty officer; staff duty officer
SDR	signal data recorder; sonar data recorder; supply discrepancy report; surface duct receiver
SDS	sorbent decontamination system; source data system; speed-dependent source
SDSMS	self-defense surface missile system
SDT	signal detection threshold; steered directional transmission
SDU	sensor data unit; surface drone unit
SDV	SEAL delivery vehicle; special delivery vehicle; submerged delivery vehicle; swimmer delivery vehicle
SDV PLT	SEAL delivery vehicle platoon
SDVT	SEAL delivery vehicle team
SDVTP	SEAL delivery vehicle troop
SDVTU	SEAL delivery vehicle task unit
SDZ	self-defense zone
SE	search effectiveness
SEA	sea echelon area; senior enlisted advisor; Southeast Asia
SEA 21	Deputy Commander, Surface Warfare
SEABEE	sea barge
Seabee	construction battalion (USN); Navy construction engineer
SEAC	submarine exercise area coordinator
SEAD	suppression of enemy air defenses
SEADS	Southeast Air Defense Sector
SEAL	sea-air-land
SEAL team	sea-air-land team
SEALTP	SEAL team troop
SEAOPS	safe engineering and operations

SEAWARS	Seawater Activated Release System
sec	second; secondary
SEC	software engineering center; Space Environment Center; submarine element coordinator
SecDef	Secretary of Defense
SECEX	security exercise
SECNAV	Secretary of the Navy
SECNAVINST	Secretary of the Navy instruction
SECOMP	secure en route communications package
SECSTATE	Secretary of State
SECVOX	secure voice
SED	simulative electromagnetic deception
SEDSCAF	standard electronic intelligence data system codes and format
SEEK®	Secure Electronic Enrollment Kit
SEF	shape error forecasting
SEG	similar exposure group
SEI	special experience identifier (USAF); specific emitter identification
SELRES	Selected Reserve
SEMCIP	Shipboard Electromagnetic Compatibility Improvement Program
SEMTEX	Semtex explosive
SENSO	sensor operator
SERE	survival, evasion, resistance, and escape
SERMC	Southeast Regional Maintenance Center
SERT	Seabee replacement training; special emergency response team
SES	self-escort strike; senior executive service; ship earth station; smoke ejection system; sonar equipment space
SETAF	Southern European Task Force (airborne; USA)
SEWC	space and electronic warfare commander
SEWIP	Surface Electronic Warfare Improvement Program

SEZ	sector engagement zone; ship engagement zone
SF	special forces; standard form; strike force
SFA	security force assistance
SFAF	standard frequency action format
SFC	static frequency converter; surface
SFCP	shore fire control party
SFG	special forces group
SFH	strong flexhose
SFIMA	strike force intermediate maintenance activity
SFLE	special forces liaison element
SFLEO	senior federal law enforcement official
SFM	supply and financial management
SFMPL	Submarine Fleet Mission Program Library
SFOA	strike force antisubmarine warfare operations area
SFODA	special forces operational detachment-alpha
SFP	status and firing panel
SFT	search frame time
SFW	sensor-fuzed weapon
SG	steam generator; strike group; Surgeon General
SG&R	scenario generation and reconstruction
SGA	stabilized gimbal assembly
SGF	smoke generator fuel
SGF-2	fog oil
SGLC	strike group logistics coordinator
SGLS	space-ground link system (USAF)
SGOA	strike group antisubmarine warfare operations area; strike group operating area
SGR	strike group route
SGS	shipboard gridlock system

SGS/AC	shipboard gridlock system/automatic correlation
SGSA	submarine-generated search area
SGSI	stabilized glide slope indicator
SGT	sergeant (USA)
SH	ship's serviceman (USN rating)
SHAPE	Supreme Headquarters Allied Powers, Europe (NATO)
SHARC	surveillance towed-array sensor system headline and roll control
SHAREM	Ship Antisubmarine Warfare Readiness/Effectiveness Measuring
SHARP	shared airborne reconnaissance pod; shared reconnaissance pod; Sierra Hotel Aviation Readiness Program
SHARPS	ship/helicopter acoustic range prediction system
SHBD	search and rescue helicopter breathing device
SHF	superhigh frequency
SHIPALT	ship alteration
ShipCLIP	Shipboard Configuration and Logistics Information Program
SHML	ship's hazardous material list
SHORAD	short-range air defense
SHORCAL	shore-based consolidated allowance list
SHT	special hull treatment
SHU	Scoville heat unit
SI	special intelligence; systems international
SIA	signals intelligence identification authority
SIAC	sensor integration and control; strike intelligence analysis cell; strike intelligence analysis center
SIAM	Situational Influence Assessment Module
SIAP	single integrated air picture; sonobuoy interference avoidance plan
SIB	ship's information book
SIC	subject identification code; sonar information center
SICA	secondary inventory control activity

NTRP 1-02

SICO	sector interface control officer
SID	standard information display; subscriber identification; system identification
SIDO	senior intelligence duty officer (AOC)
SIDS	secondary imagery dissemination system
SIF	selective identification feature
SIG	single-image geopositioning
SIGACT	significant activity
SIGINT	signals intelligence
SIGRAM	sound intensity diagram
SIGSEC	signal security
SIGWO	signals warfare officer
SII	statement of intelligence interest
SIIP	sensor performance prediction expeditionary decision system/integrated command antisubmarine warfare prediction system integrated product
SIL	signals identification list
SILO	signal location
SIM	selected item management; shore installation management; subscriber identity module; system impact message
SIMA	shore intermediate maintenance activity
SIMAS	sonar in-situ mode assessment system
SIMLM	single integrated medical logistics manager
SINCGARS	single-channel ground and airborne radio system
SINS	ship's inertial navigation system; swimmer inshore navigation system
SIO	senior intelligence officer; shipboard intelligence officer; special information operations
SIP	sheltering in place; state implementation plan (EPA); system improvement program
SIPRNET	SECRET Internet Protocol Router Network
SIPS	scaled improved performance sonar
SIR	serious incident report; specific information requirement
SIS	special information systems

SIT	simple initial threat; squadron interoperability training
sit	situation
SITMAP	situation map
SITOR	simple telex over radio; simplex teletype over radio
SITREP	situation report
SITSUM	situation summary (NATO only - Note: Intelligence)
SIU	sensor interface unit
SIWO	signals intelligence warfare officer
SIXCON	six-compartment container
SJA	staff judge advocate
SJFHQ	standing joint force headquarters
SJFHQ(CE)	standing joint force headquarters (core element)
SK	softkill; storekeeper (USN rating)
SKP	submarine keyboard printer
SKWS	soft kill weapons system
SL	safety lock; sea level; searchlight; sidelobe; single leg; static line
SL-3	stock list 3
SLAD	slewing arm davit
SLAM	standoff land-attack missile
SLAM-ER	standoff land-attack missile-expanded response
SLAMEX	sea-launched attack missile exercise
SLAP	Solar/Lunar Almanac Program
SLAR	side-looking airborne radar
SLATE	submarine-launched antenna two-way expendable (buoy)
SLATE buoy	submarine-launched antenna two-way expendable buoy
SLATS	strike leader attack training syllabus
SLB	single-leg bearing; Southern European Task Force's Lion Brigade; Strategic Leadership Board

SLBM	sea-launched ballistic missile; submarine-launched ballistic missile
SLC	Seabee logistics center; sidelobe canceller; sonobuoy launch container; Submarine Learning Center
SLCM	sea-launched cruise missile; submarine-launched cruise missile
SLCP	ship's loading characteristics pamphlet
SLD	sonic layer depth
SLE	sealift liaison element; spectral line equalization
SLEP	service life extension program
SLEW	single-tone Link 11 waveform
SLIC	supply logistics information company
SLL	support line leader
SLLS	stop, look, listen, and smell
SLMM	submarine-launched mobile mine
SLOC	sea line of communications
SLOT	submarine-launched one-way tactical (buoy) ((NATO) Note: SLOT buoy.)
SLR	system-level recorder
SLRP	survey, liaison, and reconnaissance party
SLRT	support line response team
SLS	shoot-look-shoot
SLSS	shoot-look-shoot shoot
SLT	sonobuoy launch tube
SLTM	system level technical manual
SLTT	state, local, tribal, territorial
SLVR	submarine low frequency/very low frequency versatile modular E-bus receiver
SLWT	side-loadable warping tug
SM	Standard missile; statute mile
SM-2	Standard missile 2 (U.S. naval missile)
SMAA	submarine movement advisory authority

SMARM	smart malingering antiradiation missile
SMART	special medical augmentation response team; Special Monitoring of Applied Response Technologies
SMART-T	secure mobile antijam reliable tactical terminal
SMC	search and rescue mission coordinator; subordinate maritime commander; system maintenance console
SMCA	single manager for conventional ammunition
SMCM	surface mine countermeasures
SMCT	Soldier's Manual of Common Tasks (USA)
SMD	ship manpower document
SMDR	senior medical department representative
SME	subject matter expert
SMEAC	situation, mission, execution, administration and logistics, and command and signal (USMC)
SMEDI	stillbirths, mummification, embryonic death and infertility (swine disease)
SMEE	subject matter expert exchange
SMG	scan mode gate; submachine gun
Smin	minimum detectable signal
SMO	senior medical officer; sensor management officer; strategic mobility office; strategic mobility officer
SMP	ship's mission profile; system monitoring panel
SMR	senior medical representative
SMS	single mobility system; Standard missile system; system monitoring station
SMSF	special mission support force
SMT	search and rescue medical technician
SMTP	simple mail transfer protocol
SMU	special mission unit; supported activities supply system management unit
SN	seaman (USN general apprenticeship rating); self-noise; strategic national
SNAP	shipboard nontactical automated data processing system
SNCO	staff noncommissioned officer

SND PWR TEL	sound-powered phone (also see S/P, SPP, and SPT)
SNDL	Standard Navy Distribution List
SNF	strategic nuclear forces
SNFOV	super-narrow field-of-view
SNM	special nuclear material
SNMP	simple network management protocol
SNO	statement of no objection
SNR	signal-to-noise ratio; sound-to-noise ratio
SNS	Strategic National Stockpile
SO	sensor operator; sonar operator; special operations; special warfare operator (USN rating); (NATO) staff officer
SO-peculiar	special operations-peculiar
SOA	service-oriented architecture; small object avoidance; special operations area (USMC); special operations aviation (USA); speed of advance
SOAC	Submarine Officer Advanced Course
SOAE	special operations acquisition executive
SOAGS	special operations air-ground system
SOAR	special operations aviation regiment
SOBC	Submarine Officer Basic Course
SOC	Secretary's Operations Center; sector operations center; special operations capable (USMC); special operations command (now called theater special operations command (TSOC)); special operations craft; squadron operations center; strike operations coordinator
SOC-R	special operations craft-riverine
SOCA	submarine operations coordinating authority
SOCAL	Southern California
SOC	special operations component commander
SOCCE	special operations command and control element
SOCCT	special operations combat control team
SOCRATES	Special Operations Command, Research, Analysis, and Threat Evaluation System

SOC SOUTH	Special Operations Component, United States Southern Command
SODARS	special operations debrief and retrieval system
SODL	submarine operational data link
SODO	senior operations duty officer
SOE	schedule of events; submerged operating envelope
SOF	special operations forces
SOFA	status-of-forces agreement
SOFAR	sound fixing and ranging
SOFSA	special operations forces support activity
SOFSUP	special operations forces supplement
SOG	special operations group; (NATO) speed made good over the ground
SOH	Strait of Hormuz
SOI	signal of interest; signal operating instructions
SOJ	standoff jammer; standoff jamming
SOLAS	safety of life at sea
SOLE	special operations liaison element
SOLL	special operations low-level
SOM	system operator manual
SOMPE	special operations mission planning environment
SOMPE-M	special operations mission planning environment-maritime
SOMPF	special operations mission planning folder
SoO	ship of opportunity
SOP	standard operating procedure; standing operating procedure
SOPA	senior officer present afloat (USN)
SOPMOD	special operations-peculiar modification
SOPPC	special operations photo processing cell
SOR	sensor of record; system of record
SORAP	signature overlay range prediction

SORDAC	Special Operations Research, Development, and Acquisition Center
SORM	ship's organization and regulations manual; standard organization and regulations manual
SORTIEALOT	sortie allotment message
SORTS	Status of Resources and Training System
SORTSREPNV	Status of Resources and Training System Joint Report—Navy
SOSG	station operations support group
SOSUS	sound surveillance system
SOT	special operations technician; system operability test
SOT-A	Special Operations Team-Alpha
SOTA	signals intelligence operational tasking authority
SOTF	special operations task force (USA)
SOTVS	Special Operations Tactical Video System
SOW	statement of work
SP	scan period; self-protect; short pulse; signal processor; start point
SPA	special psychological operations assessment; submarine patrol area
SPAROS	Special Arctic Oceanographic Synopsis
SPAT	self-propelled acoustic target
SPAWAR	Space and Naval Warfare Systems Command (also see SPAWARSYSCOM)
SPAWARSYSCOM	Space and Naval Warfare Systems Command (also see SPAWAR)
SPC	safe passage corridor; service production center; special-purpose craft; strike planning cell
SPC-LE	special purpose craft-law enforcement
SPCC	ships parts control center (USN)
SPD	speed (also see SP)
SPDI	special discriminate
SPE	severity, probability, and exposure; single-point expansion
SPEAR	special operations forces personal equipment advanced requirements; strike protection evaluation and anti-air research
SPECAT	special category

SPECBOATRON	special boat squadron (also see SBR)
SPECOPS	special operations
SPECWAR	special warfare
SPEED	Systems Planning, Engineering, and Evaluation Device
SPETERL	ship portable electrical/electronic test equipment requirements list
SPFS	self-propelled fully submersible
SPG	Strategic Planning Guidance; surveillance priority gate
SPGPM	shots per gun per minute
SPI	special processing indicator
SPIE	special patrol insertion and extraction; specialized personnel insertion/extraction
SPINS	special instructions
SPINTCOMM	special intelligence communications handling system
SPL	sound pressure level; special
SPLX	simplex
SPM	secondary propulsion motor; shots per minute
SPMAGTF	special-purpose Marine air-ground task force
SPOD	seaport of debarkation; submersible pump overboard
SPOE	seaport of embarkation
SPOT	Système Pour l'Observation de la Terre (French remote sensing satellite)
SPOTREP	spot report
SPP	sensor performance prediction; sound-powered phone
SPPEDS	sensor performance prediction expeditionary decision system
SPPFS	sonar performance prediction functional segment
SPR	seconds per rotation
SPRAC	special reporting and coordination (net)
SPRINT	special psychiatric rapid intervention team
SPS	seconds per sector; standard positioning system
SPSS	self-propelled semi-submersible

NTRP 1-02

SPT	sound-powered telephone (also see SND PWR TEL, S/P, and SPP)
SPU	secondary propulsion unit
SPV	subsistence prime vendor (dining services contractor)
sqd	squad
SQD REP	squadron representative
sqdn	squadron
SR	search rate; short range; slant range; special reconnaissance; strategic reconnaissance; sweep rate
SRA	selected restricted availability; ship's restricted availability; shipping risk area; shop replaceable assembly
SRB	scan relative bearing; service record book; submarine reportback
SRBM	short-range ballistic missile
SRBOC	super rapid-blooming offboard chaff
SRC	security risk category; speed-related component; State Research Center (Russia); surface radar controller; survival recovery center
SRCD	self-rotating cavitation disk
SRDT	single rotational directional transmission
SRF	security reaction force
SRFW	short-range free world
SRG	Seabee readiness group
SRI	scan rate interval; storeroom item
SRM	short-range mode; system resource manager
SRMD	short-range missile defense
SRN	source reference number
SRO	sensitive reconnaissance operations
SROE	standing rules of engagement
SRP	scene reference point; Sealift Readiness Program; seaward recovery point; short-range prosecutor
SRPM	shaft revolutions per minute
SRR	search and rescue region; strategic readiness requirement

SRS	short range (sonar) (CIS)
SRS-5	search and reconnaissance suit-5
SRU	search and rescue unit; shop replaceable unit
SRUF	standing rules for the use of force
SRVS	Submarine Remote Video System
SS	sea state; sector scan; sector search; Senior Scout; service steam; ship service; steamship; submarine (conventional) (also see SSK and SSI); surface search; surface surveillance
SS3	sensor station 3
SSA	sensitive site assessment; software support activity; special support activity (NSA)
SSAN	auxiliary submarine, nuclear
SSAP	single advanced signal processor; submarine sonar adaptive processor
SSB	single sideband; single-strand breaks; supply support battalion (USN)
SSBN	fleet ballistic-missile submarine
SSC	coastal submarine, diesel/electric; secondary sound channel; service school command; shallow sound channel; software support center; sonar set control; space surveillance center; Space and Naval Warfare Systems Command Systems Center; stand-alone seduction chaff; surface surveillance and control; surface surveillance coordination; surface surveillance coordinator; surface/subsurface coordinator
SSCA	secondary sound channel axis
SSCRA	Soldiers and Sailors Civil Relief Act
SSD	safe standoff distance; service steam drain; special sea detail; strategic studies detachment; surface-supplied diving
SSDF	ship's self-defense force
SSDG	ship service diesel generator
SSDS	ship self-defense system; single-ship deep-sweep; surface-supplied diving system
SSE	sensitive site exploitation
SSEE	ship's signal exploitation equipment
SSEE Inc E	Ship's Signal Exploitation Equipment Increment E
SSEE Inc F	Ship's Signal Exploitation Equipment Increment F
SSEP	Submarine Surveillance Equipment Program
SSES	ship's signal exploitation space

SSEW	shipboard security engagement weapons
SSG	guided-missile submarine; staff sergeant (USA); surface strike group
SSGN	guided-missile submarine, nuclear
SSGTG	ship service gas turbine generator
SSH	sea surface height
SSI	air-independent propulsion attack submarine (also see SSK); sector scan indicator
SSIC	standard subject identification code
SSIP	Sensor System Improvement Program
SSIXS	submarine satellite information exchange system
SSJ	self-screening jammer
SSK	diesel-electric propulsion attack submarine (also see SSI and SS)
SSL	shoot shoot-look; submarine safety lane
SSLs	shoot shoot-look-shoot
SSLSS	shoot shoot-look-shoot shoot
SSM	midget submarine; ship systems manual; surface-to-surface missile; system status monitor
SSMG	ship service motor generator
SSN	attack submarine, nuclear; Social Security number
SSN-DS	nuclear attack submarine in direct support
SSO	seaward security officer; special security officer; system security officer
SSP	sound speed profile (USN); Strategic Submarine Program; Strategic Systems Programs; sustaining stockpoint; system status panel
SSPd	single-shot probability of damage
SSPS	sonar signal processing system
SSR	secondary surveillance radar; supply support request; surface search radar
SSRNM	surface ship radiated noise measurement
SSS	sector scan surveillance; sidescan sonar; strategic sealift ship; strike support ship
SSSC	subsurface surveillance and control; surface, subsurface search surveillance coordination; surface subsurface surveillance control; surface/subsurface surveillance coordinator
SST	sea surface temperature

SSTG	ship service turbine generator
SSTP	fleet ballistic-missile submarine security technology program; Submarine Security and Technology Program
SSTR	stability, security, transition, and reconstruction
SSU	ship support unit
SSUP	sensor supervisor
SSUWC	sector surface warfare commander
SSW	seawater service to shaft seal/stem tube; swept square wave
SSWC	surface/subsurface warfare coordinator
SSXBT	submarine expendable bathythermograph
SSXCTD	submarine expendable conductivity, temperature, and depth (probe)
SSXSV	submarine expendable sound velocimeter
ST	SEAL team; special tactics; strategic theater; sounding tube
STA	short time average; special towed array (hydrophone); station
STAAT	security training assistance and assessment team
STAB	stabilization
STANAG	standardization agreement (NATO)
STAO	staff tactical action officer
STAR	standard attribute reference; standard underway replenishment fixture traveling actuated remotely; system threat assessment report
STARC	state area coordinators
STASS	submarine towed array surveillance system
STB	scan true bearing; super tropical bleach
STBD	starboard
STBY	standby
STC	sensitivity time constant; sensitivity time control; sounding tube cap; surface track coordinator
STCW	standards of training, certification, and watchkeeping
STD	sexually transmitted disease

STDA	sonar tactical decision aid; submarine tactical decision aid
STDL	submarine tactical data link
STDWN	stand-down
STE	secure telephone equipment; secure terminal equipment
STEC	Shiga toxin-producing e. coli
STEL	short-term exposure limit
STG	special tactics group; steering system
STI	short-time integration
STICS	scalable transportable intelligence communications system
STILO	scientific and technical intelligence liaison officer
STIR	separate track illuminating radar
STL	security team leader
STN	system track number
STO	short takeoff; special technical operations; systems test officer
STOLS	System to Locate Survivors
STOM	ship-to-objective maneuver
STORES	Subsistence Total Order and Receipt Electronic System
STORM	Submarine Tactical Oceanographic Reference Manual
STOT	simultaneous time on target
STP	section tracking party; sensor task plan; shock trauma platoon; soldier training publication
STREAM	standard tensioned replenishment alongside method
STRED	standard tactical receive equipment display
STROG	Strait of Gibraltar
STRUM	Standard Technical Report Using Modules
STS	ship-to-shore; sonar technician - submarine (USN rating); special tactics squadron; strategic sealift
STT	SEAL team tactical training; shore targeting terminal; special tactics team
STU	secure telephone unit; shore targeting unit

STU-III	secure telephone unit III
STUAS	small tactical unmanned aircraft system
STW	(NATO) speed made good through the water; strike warfare
STWC	strike warfare commander
STX	situational training exercise
SU	search unit; situational understanding (USA)
SUA	special use airspace; Suppression of Unlawful Acts at Sea
SUADPS	Shipboard Uniform Automated Data Processing System
SUADPS-RT	shipboard uniform automated data processing system-real time
SUAS	small unmanned aircraft system
SUB	subsurface
sub	submarine
SUBFOR	submarine forces
SUBICEX	submarine ice exercise
SUBIS	submarine imaging system
SUBLANT	Submarine Force, United States Atlantic Fleet
SUBMISS	submarine missing
SUBNOTE	submarine notice
SUBOPAUTH	submarine operating authority
SUBOPS	submarine operations
SUBPAC	Submarine Force, United States Pacific Fleet
SUBRASS	submarine random access storage set
SUBROC	submarine rocket
SUBRON	submarine squadron
SUBSAM	submarine surface-to-air missile
SUBSUNK	submarine sunk
SUC	surf current
SUCAP	surface combat air patrol

NTRP 1-02

SUCT	suction
sup	supervisor
SUPIR	supplemental photographic interpretation report
SUPP	supplemental
supp	supplement
SUPPACT	support activity (NSW)
SUPPLAN	support plan
SUPPLOT	supplementary plot (USN SI analysis space)
SUPPO	supply officer (USMC = SuppO)
SUPSALV	Supervisor of Salvage and Diving
SUPSIT	supporting situation
SUR	surface
SURF	standard underway replenishment fixture; surface
SURFOR	surface forces (USN)
SURFWARDEVGRU	Surface Warfare Development Group (also see SWDG)
SURNOTACK	surface no attack
SUROBS	surf observation
SURPIC	surface picture
SURTAS	(NATO) surveillance towed-array system
SURTASS	surveillance towed-array sensor system; surveillance towed-array sonar system
SURVSUM	surveillance summary (report)
SUS	signal, underwater sound; (NATO) suspect vessels
SUSP	suspect
SUSTEX	sustainment exercise
SUSV	small unit support vehicle
SUW	surface warfare
SUWC	surface warfare commander
SV	safety valve; screening vessel; sound velocity; spatial vernier

SVC	sensitivity velocity control
SVR	satellite vulnerability report
SVTT	surface vessel torpedo tube
SW	seawater; shallow water; steelworker (USN Rating); (receiver) sweep width
SWA	Southwest Asia
SWALIS	special warfare automated logistics information system
SWAMPS	Special Warfare Automated Mission Planning System
SWAN	Shipboard Wide-Area Network
SWATH	small waterplane-area twin-hull
SWATS	Sea-Based Weapons and Advanced Tactics School
SWBD	switchboard
SWC	ship's weapons coordinator; special warfare craft; swell/wave current
SWCC	special warfare combatant craft; special warfare combatant-craft crewman
SWD	seawater dechlorination
SWDG	Surface Warfare Development Group (also see SURFWARDEVGRU)
SWF	strategic weapons facility
SWFLANT	Strategic Weapons Facility, Atlantic
SWFPAC	Strategic Weapons Facility, Pacific
SWH	significant wave height
SWI	seaworthiness impairment
SWIR	short-wave infrared
SWITI	schedule of watertight integrity test and inspection
SWMCM	shallow water mine countermeasures
SWMI	Surface Warfare Medicine Institute
SWO	senior watch officer; shallow water override; staff watch officer; surface warfare officer; surface watch officer
SWORD	submarine warfare operations research division
SWS	shoot-wait-shoot; surface warfare supervisor

SWT	Service-wide transportation; search while track
SWZ	special watch zone
SYDP	six-year defense plan
SYG	Secretary General (UN)
SYNC	synchronized
SYNTAC	synthetic time averaged clutter coherent airborne radar (TACCAR)
SYNTEX	synthetic exercise
SYS	system
SYSAD	system administrator
SYSCOM	systems command
SZ	surf zone; surface zero
SZS	surface zonal search
t	true (course)
T	trackline pattern; training
T&E	test and evaluation
T-ACS	auxiliary crane ship (MSC)
T-AE	ammunition ship (MSC)
T-AFS	combat stores ship (MSC)
T-AG	acoustic survey ship (MSC)
T-AGOS	ocean surveillance ship (MSC)
T-AGS	navigation test support ship (MSC)
T-AH	hospital ship (MSC)
T-AK	container and roll-on/roll-off ship; container ship
T-AKE	dry cargo/ammunition ship (MSC)
T-AKR	fast logistics ship (MSC); large, medium-speed roll-on/roll-off ship (MSC)
T-AO	fleet replenishment oiler (MSC)
T-AOE	fast combat support ship (MSC)
T-AOT	offshore petroleum distribution system ship; transport tanker (MSC)

T-ARC	cable repairing ship (MSC)
T-ARS	rescue salvage ship
T-ATF	fleet ocean tug (MSC)
T-AVB	aviation logistics support ship (MSC)
T-net	training net
T-R	time range
T-ration	tray ration
T-ROS	trolley-rigged outhaul system
T/E	table of equipment
T/FDOA	time/frequency difference of arrival
T/M/S	type, model, and/or series (also as TMS)
T/O	table of organization
T/R	transformer/rectifier; transmit/receive
T/W	thrust-to-weight
T2D2	Tomahawk technical description document
T2Q	train to qualify
TA	target acquisition; target analysis; target angle; target audience; tasking authority; technical arrangement; technical authority; technology assessment; threat assessment; towed array; traffic analysis; twin agent fire extinguishing
TA/CP	technology assessment/control plan
TAA	tactical assembly area; towed array attenuator; towed array gain
TAAM	target audience analysis model
TAAMDCOORD	theater Army air and missile defense coordinator
TAAT	technical assistance and advisory team
TAAW	target audience analysis worksheet
TAC	tactical; tactical advanced computer; tactical air controller; tactical air coordinator; tactical command post; target analysis cell; terminal access controller; terminal attack controller; threat analysis cell; transportation account code
TAC D&E	tactical development and evaluation
TAC RECCE	tactical reconnaissance

TAC(A)	tactical air coordinator (airborne)
TAC-EW	tactical electronic warfare
TACAID	tactical aid; tactical airborne information document; tactical decision aid
TACAIR	tactical air
TACAMO	take charge and move out (E-6A/B aircraft)
TACAN	tactical air navigation
TACC	See Marine TACC (tactical air command center (USMC)) and Navy TACC (tactical air control center (USN))
TACC SUP	tactical air control center supervisor
TACCAR	time averaged clutter coherent airborne radar
TACCO	tactical coordinator
TACCWO	tactical air control center watch officer (USN)
TACDEVEX	tactical development exercise
TACELINT	tactical electronic intelligence
TACFIRE	tactical fire direction system (artillery)
TACGRU	tactical air control group
TACINFO	tactical information
TACINTEL	tactical intelligence information exchange subsystem
TACLET	tactical law enforcement team (USCG)
TACLIGHT	tactical light
TACLOG	tactical-logistical
TACMAN	tactical manual
TACMEMO	tactical memorandum (also see TM)
TACNAV	tactical navigation
TACNET	tactical network
TACNOTE	tactical notice
TACOM	tactical command (also see TC)
TACON	tactical control

TACOPDAT	tactical operational data
TACP	tactical air control party
TACPRO	tactical procedure
TACRECCE	tactical reconnaissance
TACREL	tactical relay
TACREP	tactical report
TACRON	tactical air control squadron (USN)
TACS	tactical air control squadron; tactical air control system; theater air control system
TACSAT	tactical satellite
TACSIG	tactical signal; tactically significant
TACSIT	tactical situation
TACSOP	tactical standard operating procedure
TACSUP	tactical supervisor
tact	tactical
TACT	tactical air control team; tactical aviation control team
TACTAS	tactical towed-array sonar (system)
TACTERM	tactical terminal
TACTICOS	tactical information and command system
TACTOM	tactical Tomahawk
TACTRAGRU	tactical training group
TACTRAGRULANT	Tactical Training Group, Atlantic
TACTRAGRUPAC	Tactical Training Group, Pacific
TACTS	tactical aircrew combat training system
TACVEST	tactical vest
TAD	tactical air direction; temporary additional duty (non-unit-related personnel); theater air defense
TADC	tactical air direction center
TADIL-A	tactical digital information link-A (half-duplex information link; also known in NATO as Link 11)

TADIL-J	tactical digital information link-J (nodeless TDMA information link; also known in NATO as Link 16)
TADIXS	tactical data information exchange system
TADP	towed array depth
TADS	tactical air direction system; target acquisition and designation system; target acquisition system and designation sight
TAES	theater aeromedical evacuation system
TAFDS	tactical airfield fuel dispensing system
TAFT	technical assistance field team
TAG	the adjutant general; Tomahawk land-attack missile aimpoint graphic
TAGS	theater air-ground system
TAH	target area hazard; towed array heading
TAI	target area of interest
TAIS	Tactical Airspace Integration System (USA)
TAK	cargo ship
TALCE	tactical airlift control element
TALD	tactical air-launched decoy
TALP	tunnel airlock litter patient
TAM	Tomahawk asset management
TAMCN	table of authorized materiel control number
TAMD	theater air and missile defense
TAMPS	tactical aircraft mission planning system
TAO	tactical action officer
TAOC	tactical air operations center (USMC)
TAOG	theater airfield operations group
TAOM	tactical air operations module (USMC)
TAP	tactical analysis plot; toxicological agent protective; training allowance pool; transient acoustic processing; transient acoustic processor
TAPA	towed array patrol area

TAPBB	towed array passive broadband
TAPNB	towed array passive narrowband
TAR	tactical air request; target acquisition radar
TAR/HR	tactical air request/helicopter request
TARBS	transportable amplitude modulation and frequency modulation radio broadcast system
TARBUL	target bulletin
TARC	towed array receiver coupler
TARCAP	target combat air patrol
TARP	towed-array ranging program
TARPS	tactical air reconnaissance pod system
TARS	tethered aerostat radar system
TARSL	Tender and Repair Ship Load List
TAS	target acquisition system; towed-array sensor; (NATO) towed array sonar; true airspeed
TASC	training aid support center
TASDA	Tactical airborne sonar decision aid
TASKORD	tasking order
TASM	tactical air-to-surface missile; tactical antiship missile; Tomahawk antiship missile
TASMO	tactical air support for maritime operations
TASSRAP	towed-array surveillance system (TASS) range prediction
TASW	theater antisubmarine warfare
TASWC	theater antisubmarine warfare commander
TAT	technical assistance team; to accompany troops
TATC	tactical air traffic control
TAU	twin-agent unit (firefighting)
TAV	total asset visibility (USMC & NATO)
TAWS	Target Acquisition Weapons Software
TB	technical bulletin; towed body
TB MED	technical bulletin medical

TBAB	three-beam all-band
TBD	to be determined
TBJ	terrain-bounce jammer; terrain-bounce jamming
TBM	tactical ballistic missile; theater ballistic missile
TBMCS	theater battle management core system
TBMD	theater ballistic missile defense
TBP	time-bearing plot
TBU	through bulkhead unit
TBUG	tactical broadcasts user's guide
TC	tactical chat; tactical command; tactical communicator; target crossing; tidal current; time charter; time code; time constant; training circular; transmitter/controller
TC-AIMS	Transportation Coordinator's Automated Information for Movement System
TC-AIMS II	Transportation Coordinator's Automated Information for Movement System II
TC2S	Tomahawk command and control system
TCAC	technical control and analysis center
TCAR	threat change analysis request
TCC	torpedo control console; transportation component command
TCCC	tactical combat casualty care
TCD	target-centered display
TCDL	tactical common data link
TCE	tactical command and control element; tactical cryptologic element; time-sensitive target coordination element
TCEM	theater contingency engineering management
TCG	time code generator; track control group
TCGR	track control group replacement
TCI	Tomahawk command information
TCM	torpedo countermeasures
TCMD	transportation control and movement document
TCMS	Theater Construction Management System

TCN	third country national; transportation control number
TCO	tactical cognizance officer; tactical control officer; tactical convoy operations; target control officer; technical coordinating office
TCOMMS	Tomahawk communications system
TCP	tactical communications processor; tactical control processor; terminal control processor; theater campaign plan; timing control point; traffic control point; transmission control protocol
TCP/IP	telecommunications protocol/Internet protocol; transmission control protocol/Internet protocol
TCPA	time to closest point of approach
TCPED	tasking, collection, processing, exploitation, and dissemination
TCS	tactical command ship; tactical command system; tactical control station; tactical control system; tactical cryptologic support; television camera system
TCT	time-critical target
TCTF	time-critical targeting function
TCU	terminal control unit; track control unit
TCVM	threat change validation message
TD	time delay; technical document; tower data; trim and drain; turbine direct
TDA	Table of Distribution and Allowance; tactical decision aid; tactical display area; torpedo danger area
TDBM	tactical database manager; track database manager
TDC	tactical data coordinator; theater deployable communications; theater distribution center; throttle designator controller; torpedo data converter; track data coordinator
TDD	target detecting device; target detection device
TDDS	tactical data dissemination system; tactical related applications data dissemination service; tactical related applications data dissemination system
TDFD	time delay firing device
TDI	target data inventory; target Doppler indicator
TDIC	time division interface controller
TDL	threshold detection level; tactical data link; tactical digital link
TDM	tactical dissemination module
TDMA	time division multiple access

NTRP 1-02

TDN	tactical data network; target data nominator; target development nomination
TDO	targets duty officer; Tomahawk command information (TCI) distribution order
TDOA	time difference of arrival; time distance of arrival
TDP	tactical data processor; tactical data program; time domain processor
TDR	(NATO) torpedo danger range; track determinant range
TDS	tactical data system; tactical display system; turbine drain steam
TDSS	tactical decision support subsystem
TDT	target designation transmitter
TDU	tactical deception unit; tactical display unit; towed drone unit; trash disposal unit
TDY	temporary duty
TDZ	torpedo danger zone
TE	task element; technical escort; turbine electric
TEA	Tomahawk executive agent; Transportation Engineering Agency
TEC	Topographic Engineering Center (USA)
TECHELINT	technical electronic intelligence
TECHEVAL	technical evaluation
TECHINT	technical intelligence
TECHOPDAT	technical operational data
TEEP	training and exercise execution plan
TEG	tactical exploitation group
TEK	traffic encryption key
TEL	transporter-erector-launcher (missile platform)
TELAR	transporter-erector-launcher and radar
TELCOM	telecommunications; telemetry communication
TELEX	telecommunication exchange
TELINT	telemetry intelligence
TELNET	telecommunication network
TEM	(NATO) target engagement message; traumatic event management

TEMADD	temporary additional duty
TEMPALT	temporary alteration
TEMPER	tent, extendible, modular, personnel
TEMPEST	Transient Electromagnetic Pulse Emanation Standard
TENCAP	tactical exploitation of national capabilities program
TEO	team embarkation officer
TEOB	tactical electronic order of battle
TEOC	TeleEngineering Operations Center (DOD)
TEP	theater engagement plan
TEPP	Tomahawk employment planning package
TER	Tomahawk equipment room; triple ejector rack
TERCAT	terrain categorization
TERCOM	terrain contour-matching
TERP	terminal instrument procedure
TERPES	tactical electronic reconnaissance processing and evaluation system
TERPS	terminal instrument procedures
TERS	tactical event reporting system
TESS	Tactical Environmental Support System
TET	targeting effects team; theater epidemiology team
TEU	technical escort unit; training and evaluation unit
TEWA	threat evaluation and weapons assignment
TEWD	tactical electronic warfare division
TEZ	total exclusion zone
TF	task force; terrain-following
TFA	toxic free area
TFB	Total Force Board (NAVFAC)
TFC	time-frequency code
TFCC	tactical flag command center

NTRP 1-02

TFLIR	targeting forward-looking infrared
TFMMS	Total Force Manpower Management System
TFNG	time, frequency, navigation, and geodesy
TFOM	training figure of merit
TFR	temporary flight restriction; terrain-following radar
TFT	technologically feasible threat
TFTA	tactical fleet training aid
TFU	turret forward-looking infrared unit
TG	task group; technical guide; transmit group
TGBL	through government bill of lading
TGD	thickened soman (nerve agent)
TGL	target to gun line
TGO	task group ORESTES; terminal guidance operations
TGP	targeting pod
TGRO	TRICARE global remote overseas
TGSA	task group submarine area
TGSM	terminally-guided submunition
TGT	target
TGT POSIT	target opposition
TGTINFOREP	target information report
TGU	technical guidance unit
TH	terminal homing; thickness x height
THAAD	Terminal High-Altitude Area Defense (formerly Theater High-Altitude Area Defense)
THC	theater hospitalization capability
THDD	tactical handheld digital device
THIRDFLT	Third Fleet
THREATCON	terrorist threat condition
THT	tactical human intelligence team

TI	tactical Internet; target illumination; thermal imaging
TIALD	thermal imaging airborne laser designator
TIB	technical information base; toxic industrial biological
TIBS	tactical information broadcast service
TIC	tactical information coordinator; target information center; toxic industrial chemical; troops in contact
TICHRA	toxic industrial chemical health risk assessment
TIDS	tactical imagery dissemination system; tactical information display system
TIDU	tagged input data unit
TIF	tagged image file (file name extension)
TIG	tungsten-inert gas (welding)
TIH	toxic inhalation hazard
TIM	theater information management; Tomahawk command information index message; toxic industrial material
TIMS	tactical information management system
TIO	tactical information operations; target intelligence officer
TIP	target intelligence package; time division multiplex access interface processor; torpedo intercept point; track initiation processor; trafficking in persons
TIPC	target intelligence planning committee
TIPRS	Tomahawk in-flight position reporting system
TIPS	tactical imagery processing system; tactical information processing system
TIR	time in rate; Tomahawk inventory report; toxic industrial radiological; track initiation range
TIROS	television infrared observation satellite
TIS	target information section; thermal imaging sensor; thermal imaging system; transportation information system
TISS	thermal imaging sensor system
TIU	tactical information broadcast system interface unit
TJS	tactical jamming system
TK	tank; track

TK-4	Tourni-Kwik 4
TL	team leader; threat level; transmission loss; twin line
TLAM	Tomahawk land-attack missile
TLAM-C	Tomahawk land-attack missile-conventional warhead
TLAM-D	Tomahawk land-attack missile-submunitions dispensing
TLAM-N	Tomahawk land-attack missile-nuclear warhead
TLAMM	theater lead agent for medical materiel
TLCF	tactical intelligence link control facility
TLD	thermoluminescent dosimetry
TLDHS	target location designation handoff system
TLE	target location error; Tomahawk land-attack missile liaison element; toxic load exponent
TLL	Tender Load List
TLM	tactical land map; telemetering; topographic line map
TLP	troop leading procedures
TLTI	tracker long-time integration
TLV	threshold limit value (American Conference of Governmental Industrial Hygienists, Inc.)
TM	tactical memorandum; technical manual; telemetry module; torpedoman's mate (USN rating)
TMA	target motion analysis
TMCA	Theater Movement Control Agency
TMCP	track management computer program
TMD	theater missile defense; torpedo-mounted dispenser; track management display
TMDE	test, measurement, and diagnostic equipment
TMDS	Tomahawk mission display system
TMIP	theater medical information program
TML	theater mission library
TMN	trackline multiunit non-return
TMO	The Medical Officer of the Marine Corps; traffic management office; transportation management office

TMP	tactical mission program
TMPC	theater mission planning center
TMR	total munitions requirement; trackline multiunit return; transportation movement request
TMS	tactical messaging system; tactical mission software; track management system; training management system
TN	track number
TNCC	trauma nurse core curriculum
TNL	target nomination list
TNOC	tactical related applications network operations center
TNS	tactical navigation system; topographic noise stripping
TNT	trinitrotoluene
TO	tactical objective; technical order; theater of operations; transportation officer
TO&E	table of organization and equipment
TOA	table of allowance; time-of-arrival; Total Obligation Authority; transfer of authority
TOC	table of contents; tactical operations center
TOCNET	Tactical Operations Center Network
TOD	tactical ocean data; time-of-day
TOE	time of event
TOF	time-of-fire; time-of-flight
TOI	target of interest; time of intercept
TOJ	track-on-jam
TOL	time-of-launch; time-on-leg
TOO	target of opportunity
topo	topographic
TOPS	tactical onboard processing system
TOPSCENE	tactical operational preview scene
TOR	term of reference; track of record
TORIS	Training and Operational Readiness Information Service

NTRP 1-02

TORPEX	torpedo exercise
TOS	time-on-station; track on search
TOSP	tactical ocean surveillance product
TOT	time of transmission; time-on-target; time-on-top; time-over-target; total
TOTC	time-on-target compensation
TOW	tail over water; tube launched, optically tracked, wire guided
TP	target practice; thermally protected; total protection; training practice
TP-T	target practice-tracer
TPA	TASS/TACTAS probability area; track production area
TPC	tactical pilotage chart
TPD	terminal protection device
TPED	tasking, processing, exploitation, and dissemination
TPFDD	time-phased force and deployment data
TPFDDL	time-phased force deployment data list
TPFDL	time-phased force and deployment list
TPG	tactical pocket guide
TPI	two-person integrity
TPL	target priority list; time-phase line
TPMRC	theater patient movement requirements center
TPOA	tactical plan of action
TPOD	targeting pod
TPS	Tomahawk planning system; transportation protective service; Transit Protection System
TPSB	transportable port security boat (PSU) (USCG vessel)
TPT	tactical psychological operations team; third-party targeting
TPTRL	time-phased transportation requirements list
TPU	torpedo propulsion unit; torpedo propulsion upgrade; transient personnel unit
TPZ	total protection zone
TQ	track quality

TQCP	Training Qualification/Certification Program
TQI	track quality indicator
TR	threat response; torpedo room; torpedo run
tra	training
TRA	torpedo recognition and alertment
TRACON	terminal radar approach control facility
TRACS	tracking and communication system
TRADET	training detachment
TRADOC	United States Army Training and Doctrine Command
TRAFS	torpedo recognition and alertment functional segment
TRAIS	transportation reporting and inquiry system
TRANSEC	transmission security
TRAP	tactical recovery of aircraft and personnel (USMC); tactical related applications
TRCS	transportable recompression chamber system
TRDF	transportable radio direction finder; transportable radio direction finding
TRE	tactical readiness examination; tactical receive equipment; training and readiness evaluation
TREAS	Department of the Treasury
TREE	transient radiation effects on electronics
TRESIM	tactical receive equipment simulator
TRF	true restored frequency
TRIASP	triple advanced signal processor
TRICON	triple container
TRICS	telephone-to-radio interface communications system
TRITAC	triangulation tactic
TRIXS	tactical reconnaissance intelligence exchange system
TRK	track
TRK SUP	track supervisor

NTRP 1-02

TRNG	training
TRP	target reference point; temperature reference point
TRPU	time reference PU
TRS	track replaces search
TRS	training squadron
TRU	target reporting unit; Tomahawk receiver unit
TRV	tower restoral vehicle
TS	target speed; top secret; track supervisor; trackline search; tracking subsystem
TS/SCI	top secret/sensitive compartmented information
TSA	technical support agent
TSA	target system analysis; technical support agent; theater storage area; time-sharing algorithm; Transportation Security Administration
TSAR	theater search and rescue
TSB	transportation support battalion
TSC	tactical support center; theater security cooperation; theater support command; Tomahawk strike coordinator; training support command
TSCE	total ship computing environment
TSCM	technical surveillance countermeasures; Tomahawk strike coordination module
TSCMIS	Theater Security Cooperation Management Information System
TSCO	target selection/confusion of the operator; top secret control officer
TSCP	theater security cooperation plan
TSD	tactical support device; time-series data
TSE	tactical site exploitation
TSH	TRI-SAR harness
TSM	target setting mode
TSMS	total ship monitoring system
TSN	Tomahawk strike network; track supervision net; trackline single-unit non-return
TSO	tactical systems officer; trial service office
TSOC	theater special operations command

TSOP	tactical standing operating procedure
TSP	time sensitive planning; torpedo setting panel; Trident service program
TSR	tactical sonar range; technical special reconnaissance; turbine shaft rate
TSS	tactical support system; target selection standards; target sensing system; target sight system; time-sensitive strike; total ship survivability; tracked suspension system; trim, stress, and stability
TSST-1	toxic shock syndrome toxin-1
TST	theater support team; time-sensitive target; time-sensitive targeting
TSTA	tailored ship's training availability
TSTAT	tube status
TT	tactical task; target tracking; terminal transfer; total alignment time
TT&L	tagging, tracking, and locating
TTA	target track angle
TTB	tactical training boat (USCG); target-triggered burst; transportation terminal battalion; true target bearing
TTC	track-to-track correlator
TTCP	torpedo tube control panel
TTCS	tactical terminal control system
TTDB	theater targets database
TTECG	Tactical Training Exercise Control Group
TTF	tactical training facility
TTG	time-to-go
TTGI	time to go to intercept
TTGL	Tactical Training Group, Atlantic
TTGP	Tactical Training Group, Pacific
TTGTD	time to go to designation
TTI	test target insertion; time-to-impact
TTL	tagging, tracking, and locating; time-to-launch; torpedo tube launch; torpedo tube launched
TTM	tactical target material

TTP	tactics, techniques, and procedures
TTP&E	tactics, techniques, procedures, and equipment
TTR	target tracking radar; training and testing requirement
TTS	Tomahawk transmitter system
TTT	time-to-target
TTW	territorial waters
TTWCS	tactical Tomahawk weapon control system
TTWS	tactical Tomahawk weapon system
TTY	teletype
TU	task unit
TUAF	Turkish Air Force
TUAV	tactical unmanned aerial vehicle
TUCHA	type unit characteristics file
TUDET	type unit equipment detail file
TUL	time until launch
TUM	Tomahawk command information update message
TV	air escapes or overflow or sounding tube (damage control); television; threat value
TVA	target value analysis
TVC	television camera
TVDS	towed vertically directed source
TVG	time-varied gain
TVM	track via missile
TVS	television sensor; television system
TVT	target verification test
TW	threat warning
TWA	trailing wire antenna
TWCS	through-water communication system; Tomahawk weapon control system
TWR	tower

TWS	tactical weapon simulator; Tomahawk weapon system; track-while-search; track-while-scan
TWT	traveling wave tube
TX	transmit; transmitter
TYCOM	type commander
TYTIPT	type training in port
TZ	tight zone
t^{1/2}	half-life of a reaction
U	unclassified
U-AE	unknown-assumed enemy
U-AF	unknown-assumed friend
U-EV	unknown-evaluated
U-PD	unknown-pending
U.S.	United States
U.S.C.	United States Code
U/AE	unknown/assumed enemy
U/I	under instruction
U/W	underwater
UA	unmanned aircraft
UADPS	Uniform Automated Data Processing System
UAP	unit airspace plan
UAS	unmanned air system; unmanned aircraft system; user application software
UAV	unmanned aerial vehicle
UB	underwater battery; unified build; utility boat
UBA	underwater breathing apparatus
UBFC	underwater battery fire control
UBFCS	underwater battery fire control system
UC	under construction; unified command; unit controller; urgent change

UCARS	unmanned aerial vehicle common automated recovery system
UCAS	unclassified collaboration at sea
UCAV	unmanned combat aerial vehicle
UCFS	undersea warfare control functional segment
UCHS	umbilical cable handling system (USN Mine Neutralization Vehicle)
UCMJ	Uniform Code of Military Justice
UCP	Unified Command Plan; universal communications processor
UCPLN	Uniform Coverage Planning
UCS	unified command suite; Unified Cryptologic System
UCT	underwater construction team
UDI	up-down indicator
UDL	unit deployment list
UDOP	user-defined operational picture
UDP	user data protocol
UDT	underwater demolition team
UEL	upper explosive limit
UEP	underwater electric potential
UEWR	upgraded early warning radar
UF	upper frequency
UFC	Unified Facilities Criteria
UFCS	underwater fire control system
UFGS	unified facilities guide specifications
UFN	until further notice
UFO	ultrahigh frequency follow-on
UGF	underground facility
UGR	unitized group rations
UGV	unmanned ground vehicle
UHF	ultrahigh frequency

UI	user interface
UIC	unit identification code
UICP	Uniform Inventory Control Point
UID	unique identifier
UIS	underwater imaging sonar
UISC	Unclassified Information Sharing Capability
UISSXSV	under ice submarine expendable sound velocimeter
UJTL	Universal Joint Task List
ULN	unit line number
ULT	unit-level training (cycle)
ULV	ultra low volume
UMA	unit marshalling area
UMC	unit movement coordinator; unspecified minor construction
UMCC	unit movement control center
UMCM	underwater mine countermeasures
UMIDS	Uniform Microcomputer Disbursing System
UMMIPS	uniform material movement and issue priority system
UMOP	unintentional modulation on pulse
UMPM	Uncountered Minefield Planning Model
UMS	interim JTIDS message specification
UN	United Nations
UNA	unit needs assessment
UNB	unannounced nighttime boarding
UNCLAS	unclassified
UNCLOS	United Nations Convention on the Law of the Sea
UND	urgency of need designator
UNDAC	United Nations disaster assessment and coordination
UNEP	United Nations environment program

NTRP 1-02

UNEPO	United Nations Environmental Protection Organization
UNFOV	ultra-narrow field-of-view
UNHCR	United Nations Office of the High Commissioner for Refugees
UNICEF	United Nations Children's Fund
UNIDENT	unidentified
UNITREP	unit status and identity report
UNK	unknown
UNOCHA	United Nations Office for the Coordination of Humanitarian Affairs
UNREP	underway replenishment
UNS	universal need statement (USMC)
UNSAT	unsatisfactory
UNSC	United Nations Security Council
UNSCOM	United Nations Special Commission
UNSCR	United Nations Security Council resolution
UNTL	universal naval task list
UODF	use of deadly force
UOF	use of force
UP	universal precautions
UPS	uninterruptible power supply; universal polar stereographic
UPTT	unit personnel and tonnage table
UPU	Universal Postal Union
UQC	underwater communication
URC	underwater reconnaissance capability; underway replenishment coordinator
URG	underway replenishment group
URL	uniform resource locator; unrestricted line
URN	unit reference number; unsynchronized random noise
URO	user readout
US&R	urban search and rescue

USA	United States Army; utilization, support, and accountability
USAACE	United States Army Aviation Center of Excellence
USACBRNS	United States Army Chemical, Biological, Radiological, and Nuclear School
USACE	United States Army Corps of Engineers
USACMLS	United States Army Chemical School
USAES	United States Army Engineer School
USAEUR	United States Army, Europe
USAF	United States Air Force
USAFCENT	United States Air Forces Central (Command) (formerly USCENTAF (United States Central Command Air Forces))
USAFE	United States Air Forces in Europe
USAFR	United States Air Force Reserve
USAFRICOM	United States Africa Command
USAFSAM	United States Air Force School of Aerospace Medicine
USAFWC	United States Air Force Warfare Center
USAID	United States Agency for International Development
USAJFKSWC	United States Army John F. Kennedy Special Warfare Center
USAJFKSWCS	United States Army John Fitzgerald Kennedy Special Warfare Center and School (Fort Bragg, NC)
USAMEDCOM	United States Army Medical Command
USAMEDDC&S	United States Army Medical Department Center and School
USAMMCE	United States Army Medical Materiel Center, Europe
USAMRICD	United States Army Medical Research Institute for Chemical Defense
USAMRIID	United States Army Medical Research Institute of Infectious Diseases
USAMRMC	United States Army Medical Research and Materiel Command
USANCA	United States Army Nuclear and Chemical Agency
USAPHC	United States Army Public Health Command
USAPHC (Prov)	United States Army Public Health Command (Provisional)
USAR	United States Army Reserve

USARIEM	United States Army Research Institute of Environmental Medicine
USARNORTH	United States Army Forces North
USARPAC	United States Army, Pacific Command
USASOC	United States Army Special Operations Command
USAVETCOM	United States Army Veterinary Command
USB	universal serial bus; upper sideband
USBP	United States Border Patrol
USC	unidentified signal category
USCBP	United States Customs and Border Protection
USCENTCOM	United States Central Command
USCG	United States Coast Guard
USCG COMDTINST	United States Coast Guard Commandant instruction
USCGR	United States Coast Guard Reserve
USCIS	United States Citizenship and Immigration Services
USCS	Unified Soil Classification System; United States Cryptologic System; United States Customs Service
USD	United States dollars
USD(I)	Under Secretary of Defense for Intelligence
USD(P&R)	Under Secretary of Defense for Personnel and Readiness
USD(P)	Under Secretary of Defense for Policy
USDA	United States Department of Agriculture
USDA-APHIS	United States Department of Agriculture - Animal and Plant Health Inspection Service
USDAO	United States Defense Attaché Office
USDOI	United States Department of the Interior
USDR	United States defense representative
USELMSDB	United States Electromagnetic Systems Database
USEPA	United States Environmental Protection Agency
USEUCOM	United States European Command

USFF	United States Fleet Forces Command (also see USFLTFORCOM)
USFJ	United States Forces, Japan
USFK	United States Forces, Korea
USFLTFORCOM	United States Fleet Forces Command (also see USFF)
USFORSCOM	United States Forces Command
USFS	United States Forest Service
USFWS	United States Fish and Wildlife Service
USG	United States Government
USGS	United States Geological Survey
USIA	United States Information Agency
USICA	United States International Communications Agency
USIGS	United States Imagery and Geospatial System
USJFCOM	United States Joint Forces Command
USM	underwater-to-surface missile
USMC	United States Marine Corps
USMTF	United States message text format
USN	unit stock number; United States Navy; update sequence number
USNAVCENT	United States Naval Forces, Central Command
USNAVEUR	United States Naval Forces, Europe
USNAVNORTH	United States Naval Forces, Northern Command
USNAVSO	United States Naval Forces, Southern Command
USNG	United States National Grid
USNORTHCOM	United States Northern Command
USNR	United States Navy Reserve
USNR-R	Ready Reserve
USNR-Retired	Retired Reserve
USNR-S1	Standby Reserve-Active
USNR-S2	Standby Reserve-Inactive

NTRP 1-02

USNS	United States Naval Ship
USO	United Service Organizations
USPACAF	United States Air Forces, Pacific Command
USPACFLT	United States Pacific Fleet
USPACOM	United States Pacific Command
USPER	United States person
USPHS	United States Public Health Service
USPS	United States Postal Service
USR	unit status reporting
USS	United States ship
USSF	United States Special Forces
USSID	United States signals intelligence directive
USSOCOM	United States Special Operations Command
USSOUTHCOM	United States Southern Command
USSPACECOM	07/10/08: Admin change: Term deleted from JP 1-02 per DODTC. (United States Space Command (disbanded October 1, 2002))
USSR	Union of Soviet Socialist Republics (now Commonwealth of Independent States)
USSS	United States Secret Service (TREAS); United States Signals Intelligence System
USSTRATCOM	United States Strategic Command
USTRANSCOM	United States Transportation Command
USUHS	Uniformed Services University of the Health Sciences
USV	undersea vehicle; unmanned surface vehicle; unmanned surface vessel
USW	undersea warfare
USWC	undersea warfare commander
USWE	undersea warfare evaluator
UT	utilitiesman (USN rating)
UTB	utility boat
UTC	Coordinated Universal Time; unit task code; unit type code

UTFO	urban terrain feature overlay
UTG	user terminal group
UTL	utility boat, light
UTM	universal transverse mercator
UTO	universal time observed
UTOG	urban terrain orientation graphic
UTR	underwater tracking range
UUV	unmanned underwater vehicle
UV	ultraviolet
UVMS	unmanned vehicle management system
UW	unconventional warfare
UWB	ultrawide band
UWC	underwater communications
UWD	unambiguous warning device
UWIED	underwater improvised explosive device
UWOA	unconventional warfare operating area
UWSH	underwater ships husbandry
UWT	underwater telephone
UXO	unexploded explosive ordnance; unexploded ordnance
v	velocity of target drift
V	sector pattern; valve
V-N	velocity normal
V/S	(NATO) visual signalling
V/STOL	vertical and/or short takeoff and landing aircraft
VA	attack squadron (USN); Department of Veterans Affairs; victim advocate; vital area; vulnerability assessment
VAAP	vulnerability analysis and assistance program; vulnerability assessment and assistance program
VAB	variable action button

NTRP 1-02

VAC	vital area center
VANSLL	van-loaded special load list
VAP	visible area plot
VAQ	tactical electronic warfare squadron (USN)
VAS	visual augmentation system
VASI	virtual approach slope indicator
VASTAC	vector assisted attack
VAW	carrier airborne early warning squadron (USN)
VB	variable ballast
VBIED	vehicle-borne improvised explosive device
VBSS	visit, board, search, and seizure
VBW	vertical beam width
VC	vehicle commander; ventilation closure; voyage charter
VCL	vapor control line
VCNO	vice chief of naval operations
VCP	vehicle checkpoint
VCS	video clutter suppression; video clutter suppressor
VD	vapor compression distilling plant; variable depression; variable depth
VDD	version description document
VDL	video data link; video downlink
VDM	variable dive maneuver; video display module
VDR	variable depression receiver; voyage data recorder
VDS	variable depth sonar; video distribution system
VDT	variable depression transmission; variable depth transducer
VECTAC	vectored attack
VENOM	vehicle nonlethal munition
VERDIN	very low frequency digital information network
VERTREP	vertical replenishment

VETCAP	veterinary civic action program
VETCOM	United States Army Veterinary Command
VF	fixed-wing fighter
VFA	strike fighter squadron (USN); visiting forces agreement
VFCT	voice frequency carrier telegraph
VFK	variable function key
VFR	visual flight rules
VGf	vibratory Grizzly feeder
VGI	vertical launch system Global Positioning System integrator
VGPO	velocity gate pull-off
VGS	velocity gate stealer
VGSI	visual glide slope indicator
VH	hydraulic valve control; ventilation and air conditioning; vertical height
VHA	vapor hazard area
VHF	very high frequency
VHF(A)	very high frequency (acoustic)
VHF-FM	very high frequency-frequency modulated
VHS	vehicle handling system; video home system
VI	vertical insertion; visual information
VIC	vertical insertion commander
VICS	Versa Module Eurocard integrated communications system
VID	visual identification
VIDQ	visual input data queue
VIM	vibration isolation module
VINSON	encrypted ultrahigh frequency communications system
VIP	very important person
VIPPSA	Very Important Person Protection Support Activity
VIS	visual imaging system

vis	visibility; visual
VISA	Voluntary Intermodal Sealift Agreement
VISCAP	visual combat air patrol
VISOBS	visual observer
VL	vector logic
VLA	vertical launch antisubmarine rocket
VLAD	vertical line array directional frequency analysis and recording
VLCC	very large crude carrier
VLDS	very large data storage
VLF	very low frequency
VLF(A)	very low frequency (acoustic)
VLM	vertical launch management
VLNG	vehicle launched nonlethal grenade
VLO	very low observable
VLS	vapor-liquid-solid; vertical launch system
VLSTRACK	vapor, liquid and solid tracking (downwind agent dispersion software)
VMap	vector map
VMAT	veterinary medical assistance team (National Disaster Medical System)
VMC	vehicle management computer; visual meteorological conditions
VME	Versa Module Eurocard (IEEE 1014)
VMEBUS	versatile modular E-bus
VMI	vendor-managed inventory
VMS	vehicle management system; voyage management system
VND	velogenic Newcastle disease
Vne	velocity never exceed
VOACAP	Voice of America Coverage Analysis Program
VOC	volatile organic compound
VOCO	verbal orders of the commander

VOD	vertical obstruction data; vertical onboard delivery
VOI	vessel of interest
VOIED	victim-operated improvised explosive device
VoIP	voice over Internet protocol
VOR	very high frequency omnidirectional radio range; very high frequency omnidirectional range; very high frequency omnidirectional range station; voice-operated relay
VORTAC	very high frequency omnidirectional range station and/or tactical air navigation
VOS	velocity of sound
VOSIP	Voice over Secure Internet Protocol
VOSS	vessel of opportunity skimming system
VOX	voice actuation (keying)
VP	patrol squadron (USN); vapor pressure; voice privacy
VPA	voltage probe antenna
VP CAS	fixed-wing computer assisted search
VPF	vector product format
VPIT	vessel posing an imminent threat (USCG)
VPN	virtual private network; voice product net
VPOTUS	Vice President of the United States
VPSA	Vernier processor search aid
VQ	fleet air reconnaissance squadron; visitor quarters
VR	vane rate
VRAV	voyage repair availability
VRC	fleet logistic support squadron
VRF	vegetation roughness factor
VS	sector single-unit; sector search; visual signal; vital signs
VSA	vehicle stowage area
VSAT	very small aperture terminal
VSI	vertical-shaft impact (industrial rock crushing machine type)

NTRP 1-02

VSP	variable speed pump; video support product
VSR	sector single-unit radar
VSS	vector search summary; volume scattering strength
VSW	very shallow water
VSWMCM	very shallow water mine countermeasures
VSWR	voltage standing-wave ratio
VT	variable time (proximity fuze); voice tube; volunteer training
VT-F	variable time-fragmentation (proximity fuze)
VT-IR	variable time-infrared (proximity fuze)
VT-NF	variable time-nonfragmenting (proximity fuze)
VT-NSD	variable time-non-self-destruct (proximity fuze)
VT-RF	variable time-radio frequency (proximity fuze)
VT-SD	variable time-self-destruct
VT A	visual targeting aid
VTC	vessel traffic center; video teleconference; video teleconferencing
VTEC	verotoxin-producing E. coli
VTM	(NATO) vessel transiting the minefield
VTOL	vertical takeoff and landing
VTOL-UAV	vertical takeoff and landing unmanned aerial vehicle
VT S	vessel traffic service; vessel traffic system
VTU	volunteer training unit
VTUAV	vertical takeoff and landing tactical unmanned aerial vehicle (U.S. DOD Fire Scout)
VU	volume unit
vul	vulnerability
VUP	vertical update point
VWAP	victim/witness assistance program
VX	test and evaluation squadron (USN)
W	WILLIAM

W/F	waterfall
WA	wide angle
WAA	wide-aperture array
WAAN	wide-area airborne network
WAAS	wide-area airborne surveillance sensor
WAC	world area code
WACS	weapons of mass destruction aerial collection system
WAG	world area grid
WALK	warrior aid litter kit (USA)
WAN	wide-area network
WAP	weapons alternate processor
WAPP	weapon acoustic preset program
WARHD	warhead
WARM	wartime reserve mode
WARNORD	warning order
WAS	warhead add-on sensor; wide-area surveillance
WASID	wide area surveillance and identification
WASP	war air service program; wide-area surface picture
WAWF	wide-area work flow
WB	wheelbase; wideband
WBA	waterborne assault
WGBP	waterborne guard post
WGBT	wet bulb globe temperature
WBIED	waterborne improvised explosive device
WBSLC	wideband sidelobe cancellation
WBSV	wideband secure voice
WC	warfare commander; watch commander; weapons control; wind current
WCA	water clearance authority

NTRP 1-02

WCC	warfare commander's course; weapon control coordinator; weapons control console; weapons control coordinator
WCCS	Wing Command and Control System
WCIP	weapon control indicator panel
WCMD	wind corrected munitions dispenser
WCO	weapon control officer; weapon control operator; weapons control officer
WCOE	warfare center of excellence
WCP	weapons control panel; weapons control processor
WCRP	weapon control reference plane
WCS	weapons control status; weapon control system; weapons control system
WD	waste drain; water depth; weather drain; work day
WDB	world data bank
WDC	weapon data converter
WDCM	washdown countermeasures
WDE	weapon delivery error
WDRT	Water Detection Response Team
WDS	weapons direction system; well-drilling system
WE	weapon effectiveness
WEAX	weather facsimile
WebCM	web-based construction management
WEBEM	Web execution management
WEBSKED	Web-Enabled Scheduling System
WEEMC	Web-Enabled Execution Management Capability
WEFAX	weather facsimile
WEP	water entry point
WEPS	weapons officer
WER	Weekly Epidemiological Record
WES	warhead electronics system

WESTLANT	Western Atlantic
WESTPAC	Western Pacific
WEZ	weapon engagement zone
WF	waveform
WFC	wavefront curvature
WFF	warfighting function
WFG	waveform generator
WFOV	wide field-of-view
WFP	World Food Programme (UN)
WG	working group
WGS	World Geodetic System
WGS-84	World Geodetic System 1984
WHA	World Health Assembly
WHE	weapons-handling equipment; weight-handling equipment
WHEC	high-endurance cutter (USCG)
WHNS	wartime host-nation support
WHO	World Health Organization (UN)
WIA	wounded in action
WIF	Warsaw Initiative Funds
WIFCOM	wire free communication
WIG	wing-in-ground
WIMAX	worldwide interoperability for microwave access
WiNet	wireless network
WinSALTS	Windows streamlined automated logistics transmission systems
WIP	work-in-place
WISER	Wireless Information System for Emergency Responders
WL	waterline
WLB	seagoing buoy tender (USCG)

NTRP 1-02

WLC	weapon launch console
WLG	Washington Liaison Group
WLL	wireless local loop; working load limit
WLM	coastal buoy tender
WLO	weapons liaison officer
WLS	weapon launch system; workload share
WLS-PBB	workload share-passive broadband
WM	watertight fire extinguishing; weapon manager
WMD	weapons of mass destruction
WMD-CST	weapons of mass destruction-civil support team
WMDMI	weapons of mass destruction maritime interdiction
WMDT	wartime medical decontamination team
WME	weapons of mass effect; Western Mediterranean
WMEC	medium-endurance cutter (USCG)
WMO	World Meteorological Organization
WMSL	maritime security cutter, large (USCG)
WMZ	waterborne mission zone
WO	warning order; watch officer
WOC	wing operations center (USAF)
WOD	word-of-day; word of the day
WOG	weapons order generator
WOT	war on terror
WP	weapon posture; white phosphorus; work punt (USCG)
WPA	Western Pacific
WPB	patrol boat (USCG); wide-pulse blanking
WPC	patrol coastal (USCG); Washington Planning Center; workstation processing center
WPCS	wireless portable communications system
WPN	weapon

WPNSTA	weapons station (USN)
WPOD	water port of debarkation
WPOE	water port of embarkation
WPS	Worldwide Port System
WPT	waypoint
WQA	water quality analysis
WQAS-PM	Water Quality Analysis Set-Preventive Medicine
WQC	underwater telephone
WQSB	watch, quarter, and station bill
WR	war reserve
WRA	waterfront restricted area; weapon replacement assembly; weapons release authority (DOD); weapons replaceable assembly
WRAIR	Walter Reed Army Institute of Research
WRALC	Warner-Robins Air Logistics Center
WRDB	water resources database
WRL	weapons release line
WRM	war reserve materiel
WRMR	war reserve munitions requirement
WRR	weapons release range; weapons response range
WRS	war reserve system
WRT	water round torpedo
WS	weapons system
WSAT	weapon system accuracy trials
WSE	weapon system effectiveness
WSES	surface effect ship (USCG)
WSESRB	Weapon System Explosive Safety Review Board
WSEU	weapon station electronics unit
WSF	weapon system file

WSFS	workstation functional segment
WSIP	weapon system improvement program
WSM	waterspace management; weapon system manual
WSO	weapon system operator
WSP	weapon support processor
WSRT	weapon system readiness test
WSSIC	Weapon and Space Systems Intelligence Committee
WSUP	weapons supervisor
WSV	weapon system video
WT	warping tug; watertight
WTA	water terminal authority
WTCA	water terminal clearance authority
WTD	watertight door
WTGB	icebreaking tug (USCG)
WTI	weapons training instructor; weapons technical intelligence
WTP	weapon-target pairing
WTU	weapons and tactics unit
WVR	within visual range
WVS	world vector shoreline (geographic data)
WW	waste water; worldwide
WWII	World War II
WX	weather
X	XRAY (material condition of readiness)
XBR	X-band radar
XBT	expendable bathythermograph; expendable bathythermograph temperature
XCAS	airborne alert close air support
XFER	transfer
XINT	airborne alert interdiction; on-call interdiction

XIPS	extra improved plow steel
XLNT	excellent
XMIT	transmit (USMC also = Xmit)
XMT	transmit
XMTR	transmitter
XO	executive officer
XRF	X-ray fluorescence
XS	extra strong
XSV	expendable sound velocity (profiler)
Y	YOKE (material condition of readiness)
YAG	yttrium aluminum garnet
yd/min	yards per minute
YIG	yttrium-iron-garnet (bandwidth filter)
YN	yeoman (USN rating)
yr	year
YY	year (format)
YYYYMMDD	year, month, day
Z	ZEBRA (material condition of readiness); zulu (time)
ZBO	traffic list
ZF	zone of fire
ZIPPO	zone inspection, planning, preparation, and operation
ZOR	zone of responsibility
ZULU	time zone indicator for Universal Time (UT1)